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POLLUTION OF SUBSURFACE WATER BY SANITARY LANDFILLS

Volume 3

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Volume 1 is a narrative description of the project and will be
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Volume 2 is a compilation of the experimental data collected
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1971

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16. Abstracts This study was to provide quantitative information as to the behavior of sanitary landfills under natural and simulated environmental conditions in an environment common to southeastern Pennsylvania and a large portion of the region extending between Washington, D.C., and Boston, Massachusetts. The long-range objectives were: (1) To provide means for predicting the movement of pollutants in subsurface regions under existing and proposed sanitary landfill sites. (2) To develop hydrologic, geologic, and soil criteria for the evaluation of site suitability for sanitary landfill operations. (3) To appraise design methods and remedial procedures for reducing any undesirable contaminant movement. A laboratory and a field sanitary landfill were developed to generate the data needed to attain these long-range objectives. This report consists of three volumes: Volume 1 (available from the U.S. Environmental Protection Agency, Cincinnati, Ohio 45213) describes the experimental facilities; Volume 2 (also available from the National Technical Information Service) contains the experimental data collected from Oct. 1, 1967, to Dec. 31, 1968; this volume (Volume 3) contains the experimental data collected from Jan. 1, 1969, to Sept. 29, 1969.

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*Pollution, *Sanitary landfill, *Refuse disposal, Earth fill, Geologic processes, Temperature, Aerobic processes, Anaerobic processes, Experimental data, Experimentation, Lysimeters

17b. Identifiers/Open-Ended Terms

*Subsurface water, Groundwater, Gas production, Gas composition, Kennett square plot plan, *Pollutants, *Contaminant, *Controlled environmental conditions, *Precipitation, Leachate, Pennsylvania, Boston (Massachusetts), Washington (D.C.), Percolation, Compacting, Settlement

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FOREWORD

An important objective of the Office of Solid Waste Management Programs is to aid in developing economic and efficient solid waste management practices. As authorized under the Solid Waste Disposal Act (Public Law 89-272) and the Resource Recovery Act (Public Law 91-512), the Office has awarded almost 100 research grants to nonprofit institutions in this effort to stimulate and accelerate the development of new or improved ways for handling the Nation's discarded solids.

The present document reports on work done under one of these research grants, and was received from the grantee in three volumes. Volume 1 is a narrative description of the project. Volume 2 is a compilation of the experimental data collected from October 1, 1967, to December 31, 1968, and is also available through the National Technical Information Service, Springfield, Virginia 22151. This volume is a compilation of the experimental data collected from January 1, 1969, to September 29, 1969.

Research Grant EP-000162 has been renewed to cover an additional 3 years of research. Volume 4 of this series is an interim report covering an additional year of testing and evaluation. This volume is currently being processed and will be published in early 1972. A final report covering the entire 6-year project period is expected for publication in the fall of 1972.

It is recognized that a sanitary landfill, unless properly engineered and on a suitable site, can pollute subsurface water. To determine the kind and degree of contamination under varying field and laboratory conditions was an aim of this project. From this, criteria were developed which can be useful to others in the design of landfills and prediction of their performance.

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INTRODUCTION

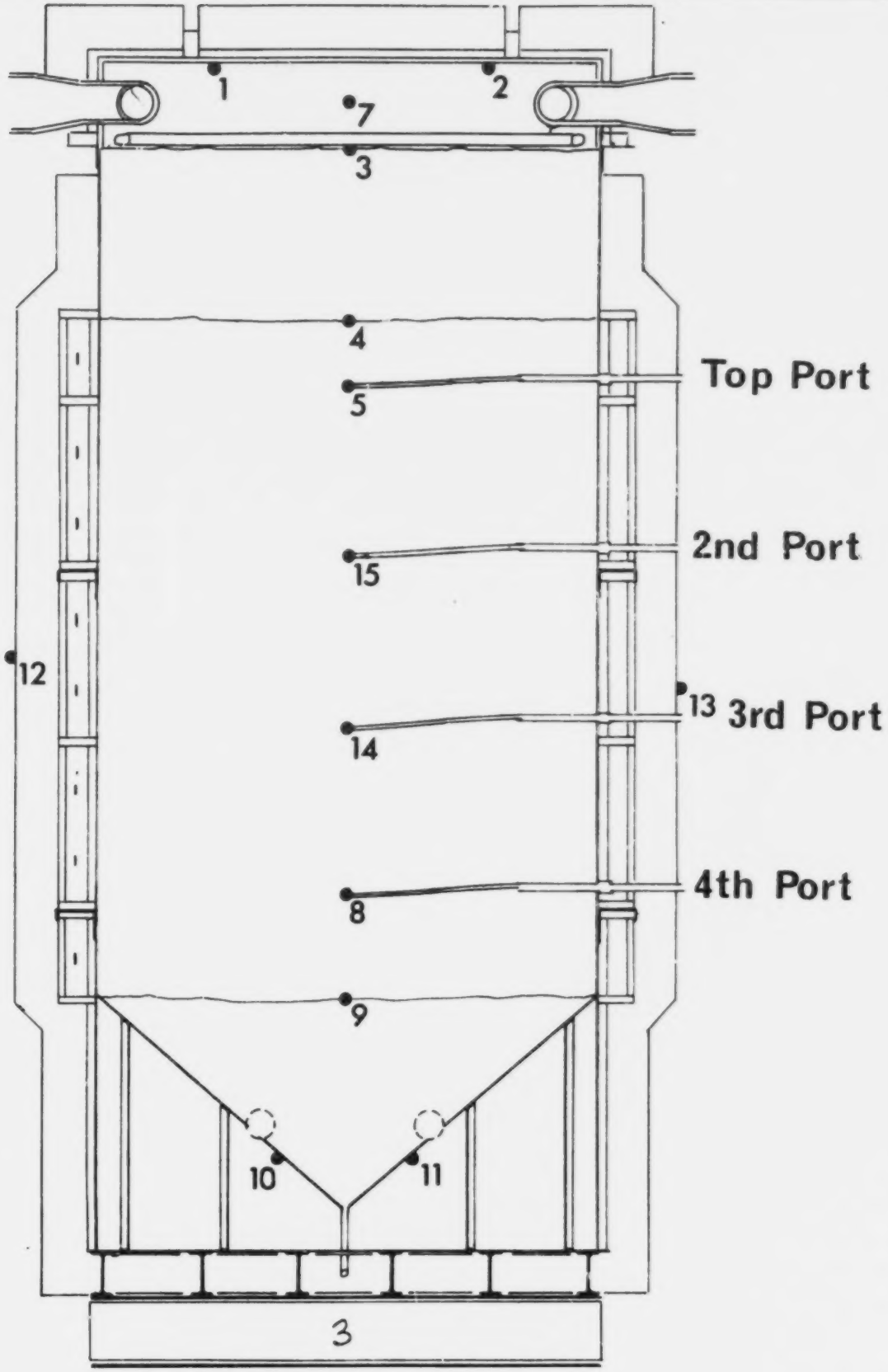
The data presented herein has been obtained from the experimental facilities described in Volume 1. The data is separated into three sections and includes all results obtained from January 1, 1969 to September 29, 1969.

Section I contains data obtained from the laboratory experimental sanitary landfill. Section II contains data obtained from the field experimental facility. Each of the two main sections are divided into three subsections; A contains temperature data, B contains percentages of gases generated, and C contains chemical composition of leachate.

SECTION I

LABORATORY EXPERIMENTAL SANITARY LANDFILL

Note: Figure 1 - shows thermistor locations and positions of the four sampling ports.



Y.S.I. THERMISTOR LOCATION

Fig. 1

SECTION 1-A

LYSIMETER TEMPERATURES

Notes:

1. Nomenclature

MO	= month
DA	= day of the month
YR	= year 196-
DAY NO	= day of the year
HR	= hour

2. T1 through T15 = temperatures correspond to locations shown in Fig. 1.

3. Dates not recorded indicates no temperature data available.

SIMETER TEMPERATURES

DEGREES FAHRENHEIT

MO	DA	YR	DAY	NO	HR	T7	T4	T5	T15	T14	T8	T9
1	1	9	461		0	39.0	0.0	57.7	64.5	65.5	62.0	60.0
1	1	9	461		4	38.9	0.0	58.0	64.5	65.4	62.0	59.9
1	1	9	461		8	38.8	0.0	58.0	64.5	65.4	62.0	59.8
1	1	9	461		12	38.5	0.0	57.9	64.5	65.4	62.0	59.8
1	1	9	461		16	38.1	0.0	57.3	64.5	65.1	62.0	59.9
1	1	9	461		20	38.3	0.0	57.5	64.5	65.4	61.9	60.1
1	2	9	462		0	38.2	0.0	57.3	64.5	65.4	62.0	60.2
1	2	9	462		4	38.0	0.0	57.1	64.4	65.4	62.0	60.6
1	2	9	462		8	38.0	0.0	56.9	64.4	65.4	62.1	60.9
1	2	9	462		12	37.9	0.0	56.7	64.3	65.3	62.1	61.1
1	2	9	462		16	37.9	0.0	56.6	64.3	65.3	62.1	61.2
1	2	9	462		20	37.9	0.0	56.6	64.2	65.3	62.2	61.4
1	3	9	463		0	38.0	0.0	56.8	64.2	65.2	62.3	61.5
1	3	9	463		4	38.1	0.0	57.0	64.2	65.2	62.3	61.6
1	3	9	463		8	38.4	0.0	57.0	64.1	65.2	62.4	61.5
1	3	9	463		12	38.5	0.0	57.0	64.1	65.1	62.4	61.5
1	3	9	463		16	38.3	0.0	56.9	64.1	65.1	62.5	61.3
1	3	9	463		20	38.6	0.0	57.0	64.1	65.1	62.5	61.0
1	4	9	464		0	38.7	0.0	57.3	64.0	65.1	62.5	60.7
1	4	9	464		4	38.8	0.0	57.0	64.0	65.1	62.5	60.5
1	4	9	464		8	38.2	0.0	57.3	64.0	65.1	62.5	60.3
1	4	9	464		12	38.4	0.0	56.7	64.0	65.1	62.4	60.2
1	4	9	464		16	38.7	0.0	57.7	64.0	65.0	62.3	60.2
1	4	9	464		20	38.8	0.0	58.3	63.9	61.0	62.3	60.2
1	5	9	465		0	39.0	0.0	58.9	63.9	64.9	62.1	60.1
1	5	9	465		4	38.7	0.0	57.8	63.8	64.8	62.1	60.1
1	5	9	465		8	38.0	0.0	58.4	63.8	64.8	62.1	59.9
1	7	9	467		0	38.7	0.0	58.7	63.8	64.9	62.1	59.7
1	7	9	467		4	38.3	0.0	57.0	63.7	64.8	62.1	59.6
1	7	9	467		8	38.3	0.0	58.4	63.7	64.8	62.1	59.3
1	7	9	467		12	38.0	0.0	58.7	63.7	64.8	61.3	59.0
1	7	9	467		16	38.0	0.0	58.7	63.7	64.7	61.8	59.0
1	7	9	467		20	38.2	0.0	58.7	63.6	64.8	61.8	59.1
1	8	9	468		0	38.6	0.0	58.8	63.7	64.8	61.7	59.2
1	8	9	468		4	38.4	0.0	58.4	63.7	64.8	61.6	59.3
1	8	9	468		8	38.6	0.0	58.2	63.6	64.8	61.6	59.4
1	8	9	468		12	38.6	0.0	58.2	63.6	64.6	61.6	59.6
1	8	9	468		16	38.7	0.0	58.3	63.6	64.7	61.6	59.6
1	8	9	468		20	38.4	0.0	58.4	63.5	64.7	61.6	59.4
1	9	9	469		0	38.3	0.0	58.5	63.5	64.7	61.6	59.1
1	9	9	469		4	38.3	0.0	58.4	63.5	64.6	61.6	58.8
1	9	9	469		8	38.7	0.0	58.3	63.4	64.6	61.5	58.5
1	9	9	469		12	38.7	0.0	58.5	63.4	64.6	61.5	58.5
1	9	9	469		16	38.7	0.0	58.3	63.4	64.6	61.5	58.5
1	9	9	469		20	38.7	0.0	58.3	63.4	64.6	61.5	58.5
1	10	9	470		0	38.2	0.0	58.3	63.4	64.6	61.5	58.5
1	10	9	470		4	38.2	0.0	58.3	63.4	64.6	61.5	58.5
1	10	9	470		8	38.2	0.0	58.3	63.4	64.6	61.5	58.5
1	10	9	470		12	38.7	0.0	58.7	63.3	64.5	60.8	58.2
1	10	9	470		16	38.3	0.0	58.3	63.3	64.4	60.8	58.4
1	10	9	470		20	38.4	0.0	58.2	63.2	64.5	60.8	58.8
1	11	9	471		0	38.6	0.0	58.1	63.2	64.5	60.8	59.1
1	11	9	471		4	38.3	0.0	58.1	63.1	64.4	60.9	59.3
1	11	9	471		8	38.2	0.0	58.2	63.0	64.3	60.9	59.5

LYSIMETER TEMPERATURES

DEGREES FAHRENHEIT

MO	DA	YR	DAY NO	HR	T7	T4	T5	T15	T14	T8	T9
1	11	9	471	12	38.5	0.0	55.4	63.0	64.3	60.9	59.4
1	11	9	471	16	38.3	0.0	55.4	63.0	64.3	61.0	59.5
1	11	9	471	20	37.1	0.0	55.6	63.0	64.2	61.0	59.4
1	12	9	472	0	37.2	0.0	55.6	62.8	64.2	61.0	59.2
1	12	9	472	4	37.2	0.0	55.6	62.8	64.2	61.0	59.2
1	12	9	472	8	37.2	0.0	55.6	62.8	64.2	61.0	59.2
1	12	9	472	12	37.2	0.0	55.6	62.8	64.2	61.0	59.2
1	12	9	472	16	37.2	0.0	55.6	62.8	64.2	61.0	59.2
1	12	9	472	20	37.2	0.0	55.6	62.8	64.2	61.0	59.2
1	13	9	473	0	37.2	0.0	55.6	62.8	64.2	61.0	59.2
1	13	9	473	4	37.2	0.0	55.6	62.8	64.2	61.0	59.2
1	13	9	473	8	37.2	0.0	55.6	62.8	64.2	61.0	59.2
1	13	9	473	12	38.2	0.0	55.9	62.8	64.0	60.6	58.2
1	13	9	473	16	38.1	0.0	56.0	62.8	64.0	60.6	58.1
1	13	9	473	20	38.3	0.0	56.0	62.7	63.8	60.5	58.5
1	14	9	474	0	38.3	0.0	55.9	62.7	63.8	60.6	58.8
1	14	9	474	4	38.3	0.0	55.8	62.7	63.8	60.6	59.0
1	14	9	474	8	38.4	0.0	55.9	62.7	63.8	60.6	59.1
1	14	9	474	12	38.0	0.0	55.8	62.7	63.8	60.6	59.3
1	14	9	474	16	38.0	0.0	55.6	62.7	63.7	60.6	59.4
1	14	9	474	20	38.3	0.0	55.7	62.7	61.7	60.7	59.5
1	15	9	475	0	38.3	0.0	55.6	62.7	63.7	60.7	59.5
1	15	9	475	4	38.2	0.0	55.6	62.7	63.6	60.8	59.2
1	15	9	475	8	38.3	0.0	55.6	62.7	63.7	60.7	59.4
1	15	9	475	12	38.3	0.0	55.6	62.6	63.6	60.8	59.2
1	15	9	475	16	38.7	0.0	55.9	62.7	63.6	60.8	59.2
1	15	9	475	20	38.4	0.0	55.8	62.6	63.6	60.8	59.2
1	16	9	476	0	38.6	0.0	55.8	62.6	63.6	60.8	59.2
1	16	9	476	4	38.3	0.0	55.8	62.6	61.6	60.8	59.2
1	16	9	476	8	38.4	0.0	55.6	62.6	63.1	60.7	59.2
1	16	9	476	12	38.4	0.0	55.7	62.7	63.6	60.8	59.2
1	16	9	476	16	38.6	0.0	55.7	62.7	63.6	60.8	59.2
1	16	9	476	20	38.6	0.0	55.6	62.5	61.5	60.8	59.1
1	17	9	477	0	37.4	0.0	55.7	62.4	63.5	60.8	59.1
1	17	9	477	4	37.1	0.0	55.3	62.6	63.5	60.8	59.1
1	17	9	477	8	37.7	0.0	55.4	60.5	63.5	60.8	59.0
1	17	9	477	12	38.0	0.0	55.3	62.6	63.5	60.8	59.2
1	17	9	477	16	38.5	0.0	55.3	60.3	63.5	60.8	59.2
1	17	9	477	20	38.0	0.0	55.4	60.5	61.5	60.8	59.1
1	18	9	478	0	37.0	0.0	54.1	60.5	61.5	60.8	59.0
1	18	9	478	4	37.8	0.0	56.1	62.6	63.4	60.8	58.9
1	18	9	478	8	38.3	0.0	56.3	62.5	61.4	60.8	58.8
1	18	9	478	12	38.2	0.0	56.4	62.6	61.5	60.8	58.6
1	18	9	478	16	38.4	0.0	56.4	62.6	63.4	60.7	58.5
1	18	9	478	20	38.2	0.0	56.4	62.6	63.5	60.7	58.4
1	19	9	479	0	38.2	0.0	56.4	62.6	63.5	60.7	58.2
1	19	9	479	4	38.7	0.0	56.7	62.7	63.5	60.6	58.1
1	19	9	479	8	38.6	0.0	56.4	62.7	63.4	60.6	57.9
1	19	9	479	12	38.0	0.0	57.0	62.7	63.5	60.5	57.7
1	19	9	479	16	38.7	0.0	56.1	62.7	63.4	60.4	57.6
1	19	9	479	20	38.4	0.0	57.0	62.7	63.4	60.4	57.4
1	20	9	480	0	38.0	0.0	57.2	62.7	63.4	60.4	57.4
1	20	9	480	4	38.2	0.0	57.3	62.8	63.5	60.2	57.4

LYSIMETER TEMPERATURES

DEGREES FAHRENHEIT

MO	DA	YR	DAY NO	HR	T7	T4	T5	T15	T14	T8	T9
1	20	9	480	8	39.0	0.0	57.4	60.8	61.5	60.2	57.4
1	20	9	480	12	39.0	0.0	57.4	60.8	61.5	60.2	57.4
1	20	9	480	16	39.0	0.0	57.4	60.8	61.5	60.2	57.4
1	20	9	480	20	39.0	0.0	57.4	60.8	61.5	60.2	57.4
1	21	9	481	0	39.0	0.0	57.4	60.8	61.5	60.2	57.4
1	21	9	481	4	39.0	0.0	57.4	60.8	61.5	60.2	57.4
1	21	9	481	8	39.0	0.0	57.4	60.8	61.5	60.2	57.4
1	21	9	481	12	39.0	0.0	57.4	60.8	61.5	60.2	57.4
1	21	9	481	16	39.0	0.0	57.4	60.8	61.5	60.2	57.4
1	21	9	481	20	39.0	0.0	57.4	60.8	61.5	60.2	57.4
1	22	9	482	0	39.0	0.0	57.4	60.8	61.5	60.2	57.4
1	22	9	482	4	39.0	0.0	57.4	60.8	61.5	60.2	57.4
1	22	9	482	8	39.0	0.0	57.4	60.8	61.5	60.2	57.4
1	22	9	482	12	39.3	0.0	57.1	63.0	63.6	60.2	57.6
1	22	9	482	16	39.8	0.0	57.0	63.0	61.6	60.2	55.5
1	22	9	482	20	40.3	0.0	57.1	61.0	63.6	60.2	57.5
1	23	9	483	0	40.4	0.0	57.2	63.0	63.6	60.1	55.3
1	23	9	483	4	40.4	0.0	57.3	63.0	63.6	60.1	57.1
1	23	9	483	8	40.5	0.0	57.3	63.0	63.6	60.1	56.8
1	23	9	483	12	40.4	0.0	57.3	63.0	63.6	60.0	56.7
1	23	9	483	16	39.0	0.0	57.2	63.0	61.6	60.0	56.7
1	23	9	483	20	39.7	0.0	57.7	63.0	63.6	59.9	57.0
1	24	9	484	0	39.4	0.0	57.8	63.0	61.6	59.8	55.2
1	24	9	484	4	39.9	0.0	57.9	63.1	63.6	59.8	57.4
1	24	9	484	8	40.0	0.0	57.9	63.1	63.6	59.9	57.5
1	24	9	484	12	40.4	0.0	58.0	61.1	63.6	59.8	57.7
1	24	9	484	16	39.4	0.0	58.1	63.1	63.6	59.9	57.8
1	24	9	484	20	40.0	0.0	58.3	63.2	63.6	59.9	58.0
1	25	9	485	0	40.0	0.0	58.3	63.2	63.6	59.9	58.1
1	25	9	485	4	39.9	0.0	58.4	63.2	63.6	60.0	58.2
1	25	9	485	8	39.3	0.0	58.3	63.3	63.7	60.0	58.3
1	25	9	485	12	39.1	0.0	58.5	63.3	63.6	60.0	58.4
1	25	9	485	16	39.0	0.0	58.2	63.4	63.6	60.1	58.8
1	25	9	485	20	39.0	0.0	58.2	63.4	63.6	60.1	58.8
1	26	9	486	0	39.2	0.0	58.3	63.4	63.7	60.2	59.0
1	26	9	486	4	39.4	0.0	58.3	63.4	63.7	60.2	59.2
1	26	9	486	8	39.6	0.0	58.3	63.5	63.7	60.3	59.2
1	26	9	486	12	39.6	0.0	58.2	63.5	61.6	60.3	59.4
1	26	9	486	16	39.3	0.0	58.1	63.5	63.7	60.4	59.4
1	26	9	486	20	39.5	0.0	58.0	63.6	63.7	60.5	59.7
1	27	9	487	0	39.2	0.0	57.3	63.5	63.8	60.6	60.0
1	27	9	487	4	39.1	0.0	57.2	63.5	63.8	60.7	60.2
1	27	9	487	8	37.9	0.0	57.0	63.5	63.8	60.7	60.4
1	27	9	487	12	38.6	0.0	57.7	0.0	63.9	60.8	60.6
1	28	9	488	12	38.7	0.0	57.0	63.6	64.0	61.3	61.1
1	28	9	488	16	37.7	0.0	56.8	63.6	63.9	61.4	61.1
1	28	9	488	20	37.9	0.0	56.9	63.5	63.9	61.5	61.1
1	29	9	489	0	37.4	0.0	56.5	63.5	63.9	61.6	61.0
1	29	9	489	4	38.0	0.0	56.7	63.5	63.9	61.5	60.9
1	29	9	489	8	38.2	0.0	56.8	63.5	63.9	61.7	60.7
1	29	9	489	12	38.4	0.0	56.7	63.9	63.9	61.7	60.6
1	29	9	489	16	38.3	0.0	56.8	63.1	63.9	61.7	60.5
1	29	9	489	20	38.7	0.0	56.8	63.5	63.9	61.7	60.5

LYSIMETER TEMPERATURES

DEGREES FAHRENHEIT

MO	DA	YR	DAY NO	HR	T7	T4	T5	T15	T14	T8	T9
1	30	9	490	0	39.4	0.0	56.4	63.4	60.0	61.7	60.5
1	30	9	490	4	39.1	0.0	57.0	61.4	63.9	61.7	60.4
1	30	9	490	8	39.3	0.0	57.1	61.4	64.0	61.8	60.4
1	30	9	490	12	35.6	0.0	55.2	63.4	60.0	61.7	60.4
1	30	9	490	16	39.8	0.0	57.2	63.4	64.0	61.8	60.4
1	30	9	490	20	39.7	0.0	57.1	63.4	64.0	61.8	60.4
1	31	9	491	0	39.5	0.0	57.2	63.4	60.0	61.8	60.6
1	31	9	491	4	39.8	0.0	57.4	63.4	64.0	61.8	60.5
1	31	9	491	8	39.7	0.0	53.5	63.5	64.0	61.9	60.4
1	31	9	491	12	40.6	0.0	53.6	63.5	60.0	61.9	60.3
1	31	9	491	16	40.2	0.0	53.5	63.5	64.0	61.8	60.2
1	31	9	491	20	39.8	0.0	57.5	63.5	60.0	61.8	60.1
2	1	9	492	0	39.2	0.0	53.6	63.5	64.0	61.8	59.9
2	1	9	492	4	39.0	0.0	55.8	63.5	64.1	61.8	59.7
2	1	9	492	8	39.0	0.0	55.8	63.5	60.1	61.7	59.6
2	1	9	492	12	39.1	0.0	57.4	63.5	64.1	61.7	59.4
2	1	9	492	16	38.2	0.0	58.0	63.6	64.1	61.6	59.2
2	1	9	492	20	38.5	0.0	58.0	63.6	64.2	61.6	59.0
2	2	9	493	0	38.2	0.0	58.0	63.6	64.1	61.5	58.9
2	2	9	493	4	38.7	0.0	57.3	63.6	60.1	61.5	58.9
2	2	9	493	8	39.2	0.0	51.3	63.6	64.2	61.4	58.8
2	2	9	493	12	39.5	0.0	57.9	63.7	64.2	61.4	58.8
2	2	9	493	16	39.5	0.0	58.0	63.7	60.2	61.3	58.7
2	2	9	493	20	39.7	0.0	58.0	63.7	60.2	61.3	58.6
2	3	9	494	0	39.5	0.0	57.1	63.7	64.2	61.3	58.5
2	3	9	494	4	39.5	0.0	58.0	61.7	64.2	61.2	58.4
2	3	9	494	8	39.5	0.0	58.0	63.8	64.2	61.1	58.3
2	3	9	494	12	41.3	0.0	58.1	63.8	64.3	61.1	58.2
2	3	9	494	16	41.5	0.0	57.1	63.8	60.3	61.1	58.2
2	3	9	494	20	40.3	0.0	58.1	63.8	64.3	61.0	58.2
2	4	9	495	0	39.9	0.0	58.1	63.8	60.3	61.0	58.3
2	4	9	495	4	39.6	0.0	58.1	63.8	64.3	60.9	58.4
2	4	9	495	8	39.2	0.0	58.1	63.9	64.4	60.9	58.7
2	4	9	495	12	37.1	0.0	58.2	63.8	64.4	60.8	59.0
2	4	9	495	16	37.6	0.0	58.7	63.8	60.4	60.9	59.2
2	4	9	495	20	38.2	0.0	57.6	63.8	64.4	60.9	59.5
2	5	9	496	0	38.1	0.0	57.5	63.8	64.4	61.0	59.7
2	5	9	496	4	37.9	0.0	57.6	63.8	64.4	61.1	59.8
2	5	9	496	8	38.6	0.0	57.6	63.8	60.4	61.1	59.9
2	5	9	496	12	38.3	0.0	58.4	63.8	60.4	61.1	59.9
2	5	9	496	16	37.4	0.0	57.3	63.8	64.4	61.2	59.8
2	5	9	496	20	37.0	0.0	57.2	63.8	64.4	61.2	59.3
2	6	9	497	0	37.7	0.0	57.1	63.8	60.0	61.3	59.6
2	6	9	497	4	38.6	0.0	57.2	63.8	64.4	61.3	59.2
2	6	9	497	8	38.5	0.0	58.3	63.8	64.4	61.3	59.5
2	6	9	497	12	38.7	0.0	57.2	63.8	60.4	61.3	59.4
2	6	9	497	16	38.2	0.0	57.1	63.8	64.4	61.3	59.2
2	6	9	497	20	38.6	0.0	58.2	63.8	64.4	61.3	59.1
2	7	9	498	0	38.3	0.0	57.3	63.8	64.4	61.3	58.8
2	7	9	498	4	38.6	0.0	57.4	63.7	60.4	61.2	58.6
2	7	9	498	8	38.2	0.0	58.5	63.8	64.4	61.2	58.3
2	7	9	498	12	38.6	0.0	57.5	63.8	64.4	61.1	58.2
2	7	9	498	16	38.3	0.0	58.0	63.8	60.3	61.1	58.1

LYSIMETER TEMPERATURES

DEGREES FAHRENHEIT

MO	DA	YR	DAY NO	HR	T7	T4	T5	T15	T14	T8	T9
2	7	9	498	20	40.3	0.0	57.5	63.8	60.4	61.0	58.0
2	8	9	499	0	41.3	0.0	53.2	63.7	64.3	61.0	58.0
2	8	9	499	4	41.2	0.0	53.6	63.8	64.4	60.9	57.8
2	8	9	499	8	41.0	0.0	57.7	63.8	64.0	60.8	53.6
2	8	9	499	12	40.8	0.0	53.7	63.8	64.4	60.8	53.7
2	8	9	499	16	40.9	0.0	57.6	63.8	64.3	60.8	57.7
2	8	9	499	20	41.5	0.0	57.7	63.8	64.3	60.7	57.7
2	9	9	500	0	41.6	0.0	57.9	63.8	64.4	60.7	57.6
2	9	9	500	4	41.6	0.0	58.0	63.8	64.3	60.6	57.5
2	9	9	500	8	40.9	0.0	58.0	63.8	60.3	60.6	57.5
2	9	9	500	12	41.0	0.0	57.9	63.8	64.3	60.5	57.4
2	9	9	500	16	41.1	0.0	57.9	63.8	64.4	60.5	57.6
2	9	9	500	20	40.8	0.0	58.0	63.8	60.3	60.4	57.7
2	10	9	501	0	40.6	0.0	58.0	63.8	64.4	60.4	57.7
2	10	9	501	4	40.2	0.0	57.9	63.8	64.4	60.4	57.8
2	10	9	501	8	40.0	0.0	57.8	63.8	64.4	60.4	58.0
2	10	9	501	12	39.9	0.0	57.6	63.8	60.3	60.4	58.1
2	10	9	501	16	39.6	0.0	57.9	63.7	64.2	60.5	58.4
2	10	9	501	20	39.6	0.0	57.9	63.7	64.2	60.5	58.4
2	11	9	502	0	39.6	0.0	57.9	63.7	64.2	60.5	58.4
2	11	9	502	4	39.6	0.0	57.9	63.7	64.2	60.5	58.4
2	11	9	502	8	39.6	0.0	57.9	63.7	64.2	60.5	58.4
2	11	9	502	12	39.6	0.0	57.9	63.7	64.2	60.5	58.4
2	11	9	502	16	39.3	0.0	57.8	63.7	64.2	60.5	58.4
2	11	9	502	20	39.3	0.0	57.9	63.7	64.2	60.5	58.3
2	12	9	503	0	39.0	0.0	58.0	63.7	60.2	60.5	58.3
2	12	9	503	4	39.1	0.0	58.0	63.7	64.2	60.5	58.1
2	12	9	503	8	39.0	0.0	58.1	63.7	64.2	60.5	58.0
2	12	9	503	12	40.1	0.0	58.1	63.7	60.2	60.5	57.9
2	13	9	504	12	40.0	0.0	58.0	63.8	64.2	60.4	58.7
2	13	9	504	16	39.9	0.0	51.9	63.8	60.2	60.5	58.9
2	13	9	504	20	39.9	0.0	57.6	63.8	64.1	60.5	59.1
2	14	9	505	0	39.5	0.0	53.5	63.8	64.2	60.6	59.2
2	14	9	505	4	39.3	0.0	53.5	63.7	64.1	60.6	59.3
2	14	9	505	8	39.3	0.0	53.5	63.7	64.1	60.6	59.3
2	14	9	505	12	39.4	0.0	53.5	63.7	64.1	60.7	59.4
2	14	9	505	16	39.3	0.0	57.9	63.7	60.1	60.7	59.4
2	14	9	505	20	39.3	0.0	51.1	63.7	64.1	60.8	59.5
2	15	9	506	0	39.3	0.0	53.2	63.7	60.1	60.8	59.6
2	15	9	506	4	39.3	0.0	53.2	63.7	64.1	60.9	59.6
2	15	9	506	8	39.3	0.0	57.1	63.6	64.1	60.9	59.6
2	15	9	506	12	39.3	0.0	57.9	61.6	60.1	61.0	59.7
2	15	9	506	16	43.4	0.0	52.7	61.6	64.1	61.0	59.6
2	15	9	506	20	43.2	0.0	53.0	63.6	64.1	61.0	59.7
2	16	9	507	0	43.1	0.0	57.1	63.6	64.1	61.1	59.6
2	16	9	507	4	43.8	0.0	53.3	63.6	64.1	61.1	59.7
2	16	9	507	8	43.2	0.0	53.4	63.6	64.1	61.1	59.7
2	16	9	507	12	43.6	0.0	53.5	53.5	64.1	61.1	59.7
2	16	9	507	16	50.0	0.0	58.5	63.5	64.1	61.2	59.7
2	16	9	507	20	50.2	0.0	57.5	63.5	64.1	61.2	59.7
2	17	9	508	0	50.2	0.0	57.9	63.5	60.1	61.2	59.7
2	17	9	508	4	50.7	0.0	58.1	63.5	64.1	61.2	59.8
2	17	9	508	8	50.3	0.0	58.3	63.4	64.1	61.2	59.8

LYSIMETER TEMPERATURES

DEGREES FAHRENHEIT

MO	DA	YR	DAY NO	HR	T7	T4	T5	T13	T14	T8	T9
2	17	9	508	12	50.7	0.0	58.3	63.5	64.1	61.2	59.8
2	17	9	508	16	50.7	0.0	58.3	63.5	64.1	61.2	59.8
2	17	9	508	20	50.7	0.0	58.3	63.5	64.1	61.2	59.8
2	18	9	509	0	50.7	0.0	58.3	63.5	64.1	61.2	59.8
2	18	9	509	4	50.7	0.0	58.3	63.5	64.1	61.2	59.8
2	18	9	509	8	50.7	0.0	58.3	63.5	64.1	61.2	59.8
2	18	9	509	12	48.2	0.0	58.3	63.5	60.0	61.2	58.7
2	18	9	509	16	47.0	0.0	58.2	63.5	64.0	61.1	58.6
2	18	9	509	20	47.5	0.0	58.2	63.6	60.1	61.1	58.7
2	19	9	510	0	46.4	0.0	58.2	63.6	64.1	61.1	58.8
2	19	9	510	4	46.8	0.0	58.2	63.6	60.0	61.1	58.8
2	19	9	510	8	46.7	0.0	58.2	63.6	64.0	61.0	58.9
2	19	9	510	12	46.5	0.0	58.1	63.7	64.1	61.0	59.0
2	19	9	510	16	46.6	0.0	58.0	63.7	64.1	61.0	59.1
2	19	9	510	20	46.1	0.0	58.0	63.7	64.1	61.0	59.2
2	20	9	511	0	46.4	0.0	58.0	63.7	64.1	61.1	59.3
2	20	9	511	4	46.5	0.0	58.0	63.8	60.1	61.0	59.4
2	20	9	511	8	46.4	0.0	58.0	63.8	64.1	61.1	59.6
2	20	9	511	12	46.8	0.0	58.1	63.8	64.1	61.1	59.6
2	20	9	511	16	46.7	0.0	58.0	63.8	64.1	61.1	59.7
2	21	9	512	0	46.1	0.0	58.0	63.8	60.1	61.2	59.7
2	21	9	512	4	46.1	0.0	58.0	63.8	60.1	61.2	59.7
2	21	9	512	8	46.1	0.0	58.0	63.8	60.1	61.2	59.7
2	21	9	512	12	46.1	0.0	58.1	63.9	64.1	61.2	59.4
2	21	9	512	16	46.2	0.0	58.1	63.9	64.1	61.2	59.1
2	21	9	512	20	46.1	0.0	58.1	63.9	64.1	61.2	59.2
2	22	9	513	0	46.2	0.0	58.0	64.0	64.1	61.2	58.8
2	22	9	513	4	46.2	0.0	58.1	64.0	64.2	61.1	58.7
2	22	9	513	8	46.4	0.0	58.1	0.0	64.2	61.1	58.6
2	22	9	513	12	46.4	0.0	58.1	0.0	64.2	61.1	58.6
2	22	9	513	16	46.4	0.0	58.1	0.0	64.2	61.1	58.6
2	22	9	513	20	46.4	0.0	58.1	0.0	64.2	61.1	58.6
2	23	9	514	0	46.4	0.0	58.1	0.0	64.2	61.1	58.6
2	23	9	514	4	46.4	0.0	58.1	0.0	64.2	61.1	58.6
2	23	9	514	8	46.4	0.0	58.1	0.0	64.2	61.1	58.6
2	23	9	514	12	46.4	0.0	58.1	0.0	64.2	61.1	58.6
2	23	9	514	16	46.4	0.0	58.1	0.0	64.2	61.1	58.6
2	23	9	514	20	46.4	0.0	58.1	0.0	64.2	61.1	58.6
2	24	9	515	0	46.4	0.0	58.1	0.0	64.2	61.1	58.6
2	24	9	515	4	46.4	0.0	58.1	0.0	64.2	61.1	58.6
2	24	9	515	8	46.4	0.0	58.1	0.0	64.2	61.1	58.6
2	24	9	515	12	46.1	0.0	58.0	64.4	64.3	60.9	60.0
2	24	9	515	16	46.3	0.0	58.3	60.3	64.4	60.3	60.0
2	24	9	515	20	46.1	0.0	58.4	60.3	64.4	60.9	60.0
2	25	9	516	12	46.6	0.0	58.1	64.4	64.4	61.0	0.0
2	25	9	516	16	46.5	0.0	58.1	60.5	64.5	61.0	0.0
2	25	9	516	20	46.5	0.0	58.0	60.5	60.5	61.0	0.0
2	26	9	517	0	46.2	0.0	58.2	60.5	60.5	61.0	0.0
2	26	9	517	4	46.2	0.0	58.2	60.5	60.5	61.0	0.0
2	26	9	517	8	46.2	0.0	58.2	60.5	60.5	61.0	0.0
2	26	9	517	12	46.5	0.0	58.3	64.4	60.5	61.0	0.0
2	26	9	517	16	46.2	0.0	58.4	60.5	64.5	61.0	0.0
2	26	9	517	20	46.5	0.0	58.3	64.5	64.5	61.0	0.0

LYSIMETER TEMPERATURES

DEGREES FAHRENHEIT

MO	DA	YR	DAY NO	HR	T7	T4	T5	T15	T14	T8	T9
2	27	9	518	0	41.5	0.0	58.8	64.5	64.5	61.0	0.0
2	27	9	518	4	41.5	0.0	58.7	60.5	64.4	61.0	0.0
2	27	9	518	8	41.4	0.0	58.7	60.5	64.5	61.0	0.0
2	28	9	519	12	38.6	0.0	58.6	64.5	64.6	61.1	0.0
2	28	9	519	16	39.4	0.0	58.7	64.5	64.6	61.1	0.0
2	28	9	519	20	38.7	0.0	58.5	60.5	64.6	61.2	0.0
3	1	9	520	0	40.3	0.0	58.5	64.5	64.6	61.2	0.0
3	1	9	520	4	40.1	0.0	58.5	64.5	64.6	61.2	0.0
3	1	9	520	8	40.2	0.0	58.6	60.5	64.6	61.3	0.0
3	1	9	520	12	40.5	0.0	58.5	60.5	60.6	61.3	0.0
3	1	9	520	16	40.8	0.0	58.4	64.1	60.6	61.3	0.0
3	1	9	520	20	40.5	0.0	58.5	60.5	60.7	61.4	0.0
3	2	9	521	0	40.2	0.0	58.5	60.5	60.7	61.4	0.0
3	2	9	521	4	41.7	0.0	58.2	60.5	64.7	61.4	0.0
3	2	9	521	8	42.1	0.0	58.3	60.5	64.7	61.4	0.0
3	4	9	523	12	44.5	0.0	60.4	64.6	64.8	61.6	0.0
3	4	9	523	16	42.1	0.0	60.4	60.2	64.8	61.6	0.0
3	4	9	523	20	42.0	0.0	60.5	64.6	64.8	61.7	0.0
3	5	9	524	0	43.0	0.0	60.3	60.6	60.8	61.7	0.0
3	5	9	524	4	42.4	0.0	60.7	60.6	60.8	61.7	0.0
3	5	9	524	8	42.1	0.0	60.6	60.7	60.8	61.7	0.0
3	5	9	524	12	41.7	0.0	60.6	60.7	60.8	61.7	0.0
3	5	9	524	16	40.4	0.0	60.3	64.7	64.8	61.8	0.0
3	5	9	524	20	40.3	0.0	60.7	64.7	64.8	61.8	0.0
3	6	9	525	0	41.2	0.0	60.7	64.7	64.8	61.8	0.0
3	6	9	525	4	41.1	0.0	60.2	64.7	64.8	61.8	0.0
3	6	9	525	8	41.2	0.0	60.5	64.8	64.8	61.9	0.0
3	6	9	525	12	40.1	0.0	60.4	64.8	64.8	61.9	0.0
3	6	9	525	16	40.3	0.0	60.3	60.8	64.8	61.9	0.0
3	6	9	525	20	40.4	0.0	60.2	64.8	60.9	61.9	0.0
3	7	9	526	0	40.7	0.0	60.1	60.8	64.9	61.9	0.0
3	7	9	526	4	40.8	0.0	60.1	60.8	64.9	61.9	0.0
3	7	9	526	8	41.2	0.0	60.1	60.9	60.9	62.0	0.0
3	7	9	526	12	40.7	0.0	59.8	60.9	60.9	62.0	0.0
3	7	9	526	16	41.1	0.0	59.5	60.9	60.9	62.1	0.0
3	7	9	526	20	41.4	0.0	59.4	64.9	64.9	62.1	0.0
3	8	9	527	0	42.1	0.0	59.3	60.9	64.9	62.1	0.0
3	8	9	527	4	42.1	0.0	59.5	60.9	65.0	62.2	0.0
3	8	9	527	8	41.8	0.0	59.1	60.9	61.0	62.3	0.0
3	10	9	529	12	39.9	0.0	58.0	61.0	61.1	62.1	0.0
3	10	9	529	16	39.4	0.0	57.9	61.1	65.1	62.1	0.0
3	10	9	529	20	40.7	0.0	57.8	61.1	65.1	62.0	0.0
3	11	9	530	0	40.4	0.0	58.3	61.1	61.1	62.0	0.0
3	11	9	530	4	41.0	0.0	58.4	61.1	61.0	62.0	0.0
3	11	9	530	8	40.8	0.0	58.7	61.1	65.2	62.0	0.0
3	11	9	530	12	40.7	0.0	58.5	61.1	61.2	62.0	0.0
3	11	9	530	16	40.1	0.0	58.3	65.1	61.2	62.0	0.0
3	11	9	530	20	40.1	0.0	58.3	65.1	61.2	62.0	0.0
3	12	9	531	0	40.3	0.0	58.6	65.1	65.2	62.0	0.0
3	12	9	531	4	40.1	0.0	58.4	61.1	65.2	62.1	0.0
3	12	9	531	8	40.1	0.0	58.2	61.1	61.2	62.1	0.0
3	12	9	531	12	40.6	0.0	58.3	61.1	61.3	62.1	0.0
3	12	9	531	16	41.1	0.0	58.4	61.1	61.3	62.1	0.0

LYSIMETER TEMPERATURES

DEGREES FAHRENHEIT

MO	DA	YR	DAY NO	HR	T7	T4	T5	T15	T14	T8	T9
3	12	9	531	20	41.2	0.0	59.5	65.1	61.3	62.2	0.0
3	13	9	532	0	41.4	0.0	59.5	61.1	65.3	62.2	0.0
3	13	9	532	4	41.2	0.0	59.4	61.1	61.3	62.2	0.0
3	13	9	532	8	41.4	0.0	59.4	61.1	65.2	62.2	0.0
3	14	9	533	0	41.0	0.0	59.4	65.1	61.3	62.4	0.0
3	14	9	533	4	40.9	0.0	59.3	61.1	61.3	62.4	0.0
3	14	9	533	8	40.9	0.0	59.3	61.1	61.2	62.4	0.0
3	14	9	533	12	41.0	0.0	59.2	61.1	61.3	62.3	0.0
3	14	9	533	16	41.0	0.0	59.2	61.1	65.3	62.3	0.0
3	15	9	535	16	41.5	0.0	59.8	65.2	65.4	61.9	0.0
3	16	9	535	20	41.6	0.0	59.8	61.2	61.4	61.8	0.0
3	17	9	536	0	41.5	0.0	59.9	61.4	61.4	61.9	0.0
3	17	9	536	4	41.4	0.0	59.8	61.3	65.4	61.8	0.0
3	17	9	536	8	41.2	0.0	59.9	65.3	61.4	61.8	0.0
3	17	9	536	12	41.3	0.0	60.0	65.3	61.4	61.8	0.0
3	17	9	536	16	41.4	0.0	60.1	61.3	65.4	61.8	0.0
3	17	9	536	20	41.7	0.0	60.0	65.4	65.4	61.8	0.0
3	18	9	537	0	41.9	0.0	60.1	61.4	65.5	61.8	0.0
3	18	9	537	4	41.8	0.0	60.2	61.4	61.5	61.8	0.0
3	18	9	537	8	41.8	0.0	60.3	61.4	65.5	61.8	0.0
3	18	9	537	12	41.5	0.0	60.3	65.4	61.5	61.8	0.0
3	18	9	537	16	41.1	0.0	60.4	75.5	61.5	61.8	0.0
3	19	9	538	20	42.1	0.0	59.9	61.5	61.6	62.0	0.0
3	20	9	539	0	41.7	0.0	59.9	61.5	61.6	62.0	0.0
3	20	9	539	4	41.7	0.0	60.0	65.5	65.6	62.1	0.0
3	20	9	539	20	41.5	0.0	59.8	61.6	61.6	62.2	0.0
3	22	9	541	16	42.0	0.0	59.9	61.5	61.8	62.3	0.0
3	22	9	541	20	42.4	0.0	59.8	61.5	61.8	62.3	0.0
3	23	9	542	0	42.4	0.0	60.0	65.4	61.8	62.3	0.0
3	23	9	542	4	42.3	0.0	60.1	65.5	61.8	62.2	0.0
3	25	9	544	12	42.0	0.0	60.5	65.6	61.8	62.1	0.0
3	25	9	544	16	42.3	0.0	60.4	65.6	61.8	62.1	0.0
3	25	9	544	20	42.4	0.0	60.3	61.5	65.8	62.1	0.0
3	26	9	545	0	42.6	0.0	60.2	61.6	61.8	62.0	0.0
3	26	9	545	4	42.6	0.0	60.3	61.6	61.8	62.0	0.0
3	26	9	545	8	42.3	0.0	60.3	61.6	65.8	62.1	0.0
3	26	9	545	12	42.4	0.0	60.4	61.6	65.8	62.1	0.0
3	26	9	545	16	42.2	0.0	60.3	65.8	65.9	62.2	0.0
3	26	9	545	20	43.3	0.0	60.2	65.7	65.8	62.1	0.0
3	27	9	546	0	40.0	0.0	60.3	65.8	65.9	62.2	0.0
3	27	9	546	4	42.2	0.0	60.4	65.8	65.9	62.2	0.0
3	27	9	546	8	42.2	0.0	60.3	65.9	65.9	60.2	0.0
3	27	9	546	12	42.3	0.0	60.2	65.9	65.9	62.2	0.0
3	27	9	546	16	40.8	0.0	60.0	65.8	66.0	62.2	0.0
3	31	9	550	16	41.6	0.0	60.3	66.0	66.0	62.0	0.0
4	1	9	551	12	50.1	0.0	60.1	65.9	66.0	62.0	0.0
4	1	9	551	16	50.5	0.0	60.3	65.9	66.0	62.1	0.0
4	1	9	551	20	51.2	0.0	60.4	65.9	66.1	62.2	0.0
4	2	9	552	0	51.5	0.0	60.5	65.9	64.1	62.2	0.0
4	2	9	552	4	51.5	0.0	60.8	65.9	65.0	62.2	0.0
4	2	9	552	8	51.5	0.0	61.0	66.0	66.0	62.3	0.0
4	2	9	552	12	51.5	0.0	61.1	65.9	66.1	62.3	0.0
4	2	9	552	16	52.0	0.0	61.4	65.9	66.1	62.3	0.0

LYSIMETER TEMPERATURES

DEGREES FAHRENHEIT

MO	DA	YR	DAY NO	HR	T7	T4	T5	T15	T14	T8	T9
4	2	9	552	20	52.8	0.0	61.0	65.9	66.0	60.3	0.0
4	3	9	553	12	51.3	0.0	62.0	66.0	66.0	62.4	0.0
4	3	9	553	16	50.4	0.0	62.1	66.0	66.0	62.4	0.0
4	3	9	553	20	56.8	0.0	62.2	66.0	66.0	62.5	0.0
4	4	9	554	0	51.7	0.0	62.4	66.0	66.0	62.4	0.0
4	4	9	554	4	52.7	0.0	62.6	66.1	66.1	62.5	0.0
4	4	9	554	8	56.8	0.0	62.7	66.1	66.1	62.5	0.0
4	4	9	554	12	52.0	0.0	62.9	66.1	66.1	62.5	0.0
4	4	9	554	16	48.2	0.0	62.9	66.1	66.1	62.5	0.0
4	4	9	554	20	47.3	0.0	63.1	66.1	66.1	62.5	0.0
4	5	9	555	0	48.2	0.0	63.3	66.2	66.1	62.5	0.0
4	5	9	555	4	48.0	0.0	63.4	66.2	66.1	62.5	0.0
4	5	9	555	8	48.0	0.0	63.5	66.2	66.1	62.5	0.0
4	5	9	555	12	47.9	0.0	63.6	66.2	66.1	62.5	0.0
4	5	9	555	16	47.8	0.0	63.6	66.3	66.1	62.4	0.0
4	5	9	555	20	48.0	0.0	63.8	66.3	66.1	62.5	0.0
4	6	9	556	0	47.8	0.0	63.9	66.4	66.1	62.4	0.0
4	6	9	556	4	48.0	0.0	63.9	66.4	66.1	62.4	0.0
4	8	9	558	12	51.3	0.0	64.5	67.0	66.4	62.2	0.0
4	8	9	558	16	52.9	0.0	60.5	67.1	66.4	62.2	0.0
4	8	9	558	20	51.2	0.0	60.7	65.1	66.4	62.2	0.0
4	9	9	559	0	50.0	0.0	60.7	63.2	62.5	62.2	0.0
4	9	9	559	4	53.3	0.0	60.6	63.2	60.5	62.0	0.0
4	9	9	559	8	53.2	0.0	60.7	63.3	63.5	62.1	0.0
4	9	9	559	12	53.0	0.0	60.7	63.3	66.5	62.1	0.0
4	9	9	559	16	51.0	0.0	65.0	67.3	62.4	62.1	0.0
4	9	9	559	20	51.9	0.0	61.1	63.4	66.5	62.1	0.0
4	10	9	560	0	51.3	0.0	65.3	63.4	62.6	62.1	0.0
4	10	9	560	4	53.0	0.0	61.4	63.5	66.6	62.1	0.0
4	10	9	560	8	53.1	0.0	61.5	63.5	66.6	62.1	0.0
4	10	9	560	12	51.3	0.0	61.5	67.5	66.7	62.0	0.0
4	10	9	560	16	51.6	0.0	66.7	67.5	66.7	62.0	0.0
4	10	9	560	20	51.1	0.0	61.3	67.6	66.7	61.9	0.0
4	11	9	561	0	50.2	0.0	61.3	67.7	62.7	61.9	0.0
4	11	9	561	4	50.4	0.0	61.4	67.7	66.8	61.9	0.0
4	11	9	561	8	47.3	0.0	65.5	63.8	66.8	61.9	0.0
4	11	9	561	12	41.1	0.0	61.7	63.3	62.8	61.9	0.0
4	11	9	561	16	41.4	0.0	61.6	57.4	62.8	61.9	0.0
4	14	9	564	12	48.2	0.0	64.7	68.5	63.3	60.3	0.0
4	14	9	564	16	51.3	0.0	64.7	68.5	65.4	61.4	0.0
4	14	9	564	20	57.4	0.0	64.7	68.5	67.5	62.5	0.0
4	15	9	565	12	54.7	0.0	64.3	68.5	67.4	62.4	0.0
4	15	9	565	16	54.7	0.0	64.3	68.5	67.3	62.3	0.0
4	15	9	565	20	54.9	0.0	64.3	68.5	67.4	62.4	0.0
4	16	9	566	12	56.4	0.0	65.2	68.4	67.5	62.5	0.0
4	16	9	566	16	54.5	0.0	65.1	68.5	67.5	62.5	0.0
4	16	9	566	20	53.2	0.0	65.3	68.5	67.5	62.5	0.0
4	17	9	567	0	52.8	0.0	65.4	68.5	67.5	62.5	0.0
4	17	9	567	4	52.7	0.0	65.4	68.5	67.5	62.4	0.0
4	18	9	568	4	52.6	0.0	65.3	68.6	67.5	62.5	0.0
4	18	9	568	8	54.7	0.0	65.4	68.5	67.5	62.5	0.0
4	18	9	568	12	52.4	0.0	65.4	68.5	67.6	62.4	0.0
4	18	9	568	16	52.5	0.0	65.6	68.6	67.6	62.4	0.0

LYSIMETER TEMPERATURES

DEGREES FAHRENHEIT

MO	DA	YR	DAY NO	HR	T7	T4	T5	T15	T14	T8	T9
4	18	9	568	20	57.6	0.0	65.7	68.6	67.6	62.3	0.0
4	21	9	571	12	51.7	0.0	64.9	68.7	67.7	62.3	0.0
4	21	9	571	16	51.9	0.0	65.0	68.6	67.7	62.4	0.0
4	21	9	571	20	52.2	0.0	65.2	68.6	67.7	62.5	0.0
4	22	9	572	0	52.1	0.0	65.2	68.6	67.7	62.5	0.0
4	22	9	572	4	52.1	0.0	65.1	68.6	67.7	62.5	0.0
4	22	9	572	8	52.2	0.0	64.8	68.6	67.7	62.5	0.0
4	23	9	573	12	52.7	0.0	64.9	68.5	67.7	62.6	0.0
4	23	9	573	16	51.0	0.0	65.0	68.5	67.6	62.6	0.0
4	23	9	573	20	51.0	0.0	65.1	68.4	67.6	62.6	0.0
4	24	9	574	0	51.1	0.0	65.1	68.4	67.6	62.6	0.0
4	24	9	574	4	52.1	0.0	65.2	68.4	67.6	62.5	0.0
4	24	9	574	8	52.0	0.0	65.2	68.4	67.6	62.5	0.0
4	24	9	574	12	53.0	0.0	65.2	68.4	67.6	62.5	0.0
4	24	9	574	16	51.3	0.0	65.0	68.4	67.6	62.4	0.0
4	28	9	578	12	54.4	0.0	66.6	68.6	67.5	61.6	0.0
4	28	9	578	16	53.7	0.0	66.8	68.7	67.5	61.6	0.0
4	30	9	580	12	56.6	0.0	66.8	69.1	67.6	61.5	0.0
4	30	9	580	16	54.3	0.0	66.9	69.1	67.6	61.5	0.0
4	30	9	580	20	56.2	0.0	66.8	69.1	67.6	61.6	0.0
5	1	9	581	0	60.0	0.0	66.9	69.1	67.7	61.7	0.0
5	2	9	582	0	60.5	0.0	67.2	69.2	67.7	61.6	0.0
5	3	9	583	0	61.0	0.0	68.1	69.4	67.8	61.6	0.0
5	4	9	584	0	61.4	0.0	69.1	69.6	67.9	61.7	0.0
5	5	9	585	0	61.4	0.0	70.1	69.9	67.9	61.8	0.0
5	6	9	586	0	61.5	0.0	71.0	70.2	68.0	61.8	0.0
5	7	9	587	0	62.3	0.0	71.6	70.4	68.1	61.9	0.0
5	8	9	588	0	62.7	0.0	72.4	71.0	68.4	62.3	0.0
5	9	9	589	0	62.2	0.0	72.7	71.5	68.7	62.3	0.0
5	10	9	590	0	63.1	0.0	72.9	71.7	68.8	62.3	0.0
5	11	9	591	0	63.0	0.0	72.1	72.0	69.1	62.4	0.0
5	12	9	592	0	63.2	0.0	72.1	72.2	69.3	62.6	0.0
5	13	9	593	0	62.4	0.0	72.1	72.3	69.6	62.8	0.0
5	14	9	594	0	62.7	0.0	72.1	72.5	69.8	63.0	0.0
5	15	9	595	0	61.3	0.0	72.1	72.5	69.8	63.0	0.0
5	16	9	596	0	62.3	0.0	72.5	72.3	70.1	63.1	0.0
5	17	9	597	0	63.3	0.0	72.6	72.9	70.1	63.1	0.0
5	18	9	598	0	62.4	0.0	73.0	73.1	70.3	62.9	0.0
5	19	9	599	0	63.0	0.0	73.2	73.4	70.5	62.7	0.0
5	20	9	600	0	62.3	0.0	73.4	73.5	70.5	62.6	0.0
5	21	9	601	0	62.3	0.0	73.4	73.7	70.7	62.8	0.0
5	22	9	602	0	62.3	0.0	73.4	73.7	70.9	63.0	0.0
5	23	9	603	0	62.2	0.0	73.4	74.0	71.1	63.2	0.0
5	24	9	604	0	61.9	0.0	73.5	74.1	71.1	63.2	0.0
5	25	9	605	0	61.9	0.0	73.5	74.2	71.3	62.9	0.0
5	26	9	606	0	62.0	0.0	73.5	74.3	71.4	62.5	0.0
5	27	9	607	0	62.3	0.0	73.5	74.3	71.4	66.7	0.0
5	28	9	608	0	62.5	0.0	73.4	74.3	71.5	62.9	0.0
5	29	9	609	0	61.9	0.0	73.6	74.4	71.5	62.8	0.0
5	30	9	610	0	64.9	0.0	73.9	74.6	71.6	62.7	0.0
5	31	9	611	0	67.7	0.0	74.3	74.8	71.7	62.6	0.0
6	1	9	612	0	70.7	0.0	74.7	75.0	71.8	62.6	0.0
6	2	9	613	0	71.7	0.0	75.0	75.3	71.9	62.5	0.0

LYSIMETER TEMPERATURES

DEGREES FAHRENHEIT

MO	DA	YR	DAY NO	FG	T7	T4	T5	T15	T14	T8	T9
6	3	9	614	0	71.3	0.0	75.6	75.4	72.1	62.7	0.0
6	4	9	615	0	71.0	0.0	76.3	75.5	72.2	63.1	0.0
6	5	9	616	0	71.9	0.0	77.3	75.6	72.4	63.3	0.0
6	6	9	617	0	72.1	0.0	77.6	75.7	72.5	63.2	0.0
6	7	9	618	0	72.3	0.0	78.1	75.9	72.6	63.0	0.0
6	8	9	619	0	72.4	0.0	78.6	76.1	72.7	67.7	0.0
6	9	9	620	0	72.6	0.0	79.1	76.4	72.7	62.4	0.0
6	10	9	621	0	72.5	0.0	79.3	76.7	72.9	62.5	0.0
6	11	9	622	0	72.4	0.0	79.5	76.9	72.9	63.0	0.0
6	12	9	623	0	71.5	0.0	79.3	77.2	73.0	63.2	0.0
6	13	9	624	0	71.5	0.0	79.9	77.5	73.2	63.2	0.0
6	14	9	625	0	71.4	0.0	80.1	77.8	73.3	63.3	0.0
6	15	9	626	0	71.3	0.0	80.3	78.1	73.5	63.3	0.0
6	16	9	627	0	71.2	0.0	80.5	78.6	73.7	63.4	0.0
6	17	9	628	0	71.3	0.0	80.4	78.7	73.9	63.7	0.0
6	18	9	629	0	71.3	0.0	80.3	78.8	74.1	64.0	0.0
6	19	9	630	0	71.4	0.0	80.2	78.9	74.3	64.2	0.0
6	20	9	631	0	71.4	0.0	80.4	79.0	74.5	64.4	0.0
6	21	9	632	0	70.9	0.0	80.6	78.9	74.5	64.3	0.0
6	22	9	633	0	71.1	0.0	80.6	79.0	74.6	64.4	0.0
6	23	9	634	0	71.3	0.0	80.5	79.1	74.8	64.6	0.0
6	24	9	635	0	71.6	0.0	80.2	79.3	74.9	64.7	0.0
6	25	9	636	0	71.3	0.0	80.5	79.3	75.0	64.9	0.0
6	26	9	637	0	70.9	0.0	80.5	79.4	75.1	65.0	0.0
6	27	9	638	0	70.9	0.0	80.7	79.4	75.2	65.0	0.0
6	28	9	639	0	70.9	0.0	80.9	79.5	75.3	64.8	0.0
6	29	9	640	0	70.6	0.0	81.1	79.7	75.4	64.7	0.0
6	30	9	641	0	70.4	0.0	81.3	79.9	75.5	64.7	0.0
7	1	9	642	0	73.2	0.0	81.9	80.1	75.6	64.6	0.0
7	2	9	643	0	73.0	0.0	82.5	80.3	75.8	64.6	0.0
7	3	9	644	0	72.3	0.0	83.2	80.4	75.9	64.8	0.0
7	7	9	648	0	71.5	0.0	84.0	81.2	76.4	64.6	0.0
7	8	9	649	0	70.1	0.0	84.7	81.3	76.6	64.6	0.0
7	9	9	650	0	70.5	0.0	84.7	81.5	76.7	65.3	0.0
7	10	9	651	0	72.1	0.0	84.7	81.5	76.7	65.4	0.0
7	11	9	652	0	72.3	0.0	85.0	81.6	76.8	65.5	0.0
7	12	9	653	0	72.2	0.0	85.3	81.8	76.9	65.4	0.0
7	13	9	654	0	72.0	0.0	85.5	81.9	76.9	65.4	0.0
7	14	9	655	0	72.0	0.0	85.8	82.2	77.2	65.1	0.0
7	15	9	656	0	72.5	0.0	85.7	82.4	77.2	65.0	0.0
7	16	9	657	0	72.3	0.0	86.2	82.5	77.3	65.0	0.0
7	17	9	658	0	72.6	0.0	85.5	82.6	77.4	64.9	0.0
7	23	9	664	0	76.4	0.0	87.4	84.4	78.3	65.7	0.0
7	24	9	665	0	75.5	0.0	87.0	84.4	78.9	66.2	0.0
7	25	9	666	0	75.5	0.0	87.0	84.3	79.0	66.5	0.0
7	26	9	667	0	75.2	0.0	87.0	84.3	79.0	66.8	0.0
7	27	9	668	0	75.5	0.0	87.3	84.4	79.1	66.7	0.0
7	28	9	669	0	75.3	0.0	87.5	84.5	79.2	66.7	0.0
7	29	9	670	0	77.2	0.0	87.5	84.6	79.3	66.6	0.0
7	30	9	671	0	76.5	0.0	87.5	84.7	79.4	66.6	0.0
7	31	9	672	0	76.4	0.0	87.7	84.9	79.5	66.6	0.0
8	1	9	673	0	75.1	0.0	87.8	85.0	79.5	66.5	0.0
8	2	9	674	0	75.4	0.0	88.0	85.0	79.6	66.5	60.9

LYSIMETER TEMPERATURES

DEGREES FAHRENHEIT

MO	DA	YR	DAY NO	PR	T7	T4	T5	T15	T14	T8	T9
8	3	9	675	0	77.1	0.0	88.0	85.2	79.7	66.7	0.0
8	4	9	676	0	78.3	0.0	87.9	85.4	79.9	66.8	61.9
8	5	9	677	0	74.1	0.0	87.6	85.4	79.9	66.9	61.5
8	12	9	684	0	72.5	0.0	84.7	84.7	80.2	66.7	60.3
8	18	9	721	0	68.6	0.0	81.7	81.9	77.6	64.5	59.2
8	19	9	722	0	66.5	0.0	80.3	81.6	77.3	64.7	60.1
8	22	9	725	0	65.6	0.0	79.7	80.7	76.9	64.6	59.5
8	23	9	726	0	66.1	0.0	79.8	80.5	76.6	64.5	59.6
8	24	9	727	0	67.5	0.0	79.7	80.3	76.4	64.4	59.2
8	25	9	728	0	66.5	0.0	80.1	80.3	76.2	64.3	58.6
8	29	9	732	0	67.4	0.0	79.5	79.8	75.2	64.6	60.6

LYSIMETER TEMPERATURES

DEGREES FAHRENHEIT

MO	DA	YR	DAY	NO	HR	T1	T2	T3	T10	T11	T12	T13
1	1	9	461	0		35.6	43.5	0.0	57.4	53.4	86.4	82.1
1	1	9	461	4		35.1	43.3	0.0	58.5	60.2	86.2	81.5
1	1	9	461	8		34.8	42.6	0.0	53.9	57.5	84.4	78.0
1	1	9	461	12		34.8	42.3	0.0	53.5	59.0	83.4	75.8
1	1	9	461	16		34.8	42.0	0.0	60.4	57.2	82.4	74.8
1	1	9	461	20		35.1	41.4	0.0	61.8	59.4	79.4	71.7
1	2	9	462	0		35.4	41.4	0.0	63.0	65.0	79.7	72.4
1	2	9	462	4		36.2	41.6	0.0	61.9	59.4	80.2	73.1
1	2	9	462	8		34.1	41.5	0.0	60.3	58.4	80.6	73.7
1	2	9	462	12		34.0	41.4	0.0	64.4	61.1	79.1	73.6
1	2	9	462	16		32.7	41.3	0.0	61.0	58.3	82.4	75.6
1	2	9	462	20		31.3	42.0	0.0	62.1	61.2	83.3	76.6
1	3	9	463	0		33.4	42.0	0.0	61.7	59.6	83.1	76.4
1	3	9	463	4		31.7	41.4	0.0	60.7	62.4	83.4	76.7
1	3	9	463	8		34.1	42.3	0.0	61.2	59.8	82.8	78.1
1	3	9	463	12		35.2	42.1	0.0	57.8	54.7	84.7	80.3
1	3	9	463	16		35.2	42.2	0.0	58.0	61.4	83.5	79.0
1	3	9	463	20		33.5	42.3	0.0	60.0	61.5	84.0	78.9
1	4	9	464	0		34.1	42.5	0.0	56.6	52.3	86.1	79.3
1	4	9	464	4		35.7	42.5	0.0	57.7	62.5	84.8	77.4
1	4	9	464	8		35.0	42.1	0.0	60.2	62.6	82.5	75.6
1	4	9	464	12		34.3	42.3	0.0	53.8	58.6	83.9	73.4
1	4	9	464	16		35.7	42.7	0.0	54.7	62.3	80.1	79.1
1	4	9	464	20		35.9	42.6	0.0	53.1	52.9	82.0	79.2
1	5	9	465	0		36.6	43.7	0.0	59.6	57.8	85.6	80.2
1	5	9	465	4		37.2	43.1	0.0	58.6	60.1	83.0	79.5
1	5	9	465	8		36.3	43.3	0.0	56.7	53.0	86.5	83.5
1	7	9	467	0		37.7	43.6	0.0	57.3	59.8	87.0	82.2
1	7	9	467	4		37.3	43.0	0.0	58.0	56.4	86.6	80.8
1	7	9	467	8		37.1	43.3	0.0	54.7	59.7	86.6	80.6
1	7	9	467	12		37.3	43.4	0.0	54.4	60.0	85.7	80.1
1	7	9	467	16		37.6	43.3	0.0	57.0	54.3	85.9	78.3
1	7	9	467	20		37.2	42.7	0.0	56.5	54.4	85.0	77.7
1	8	9	468	0		37.1	42.2	0.0	58.4	54.3	84.9	77.6
1	8	9	468	4		37.2	42.3	0.0	60.1	63.1	84.5	77.1
1	8	9	468	8		36.3	42.2	0.0	60.8	63.0	83.8	75.6
1	8	9	468	12		37.1	42.0	0.0	56.0	53.0	84.9	78.4
1	8	9	468	16		37.1	42.4	0.0	56.4	53.1	85.1	78.3
1	8	9	468	20		37.1	42.3	0.0	55.1	52.9	85.9	80.1
1	9	9	469	0		36.2	42.6	0.0	52.7	48.7	84.2	78.8
1	9	9	469	4		38.9	42.5	0.0	57.0	58.7	85.7	81.2
1	9	9	469	8		38.6	42.7	0.0	55.7	52.5	86.1	81.0
1	9	9	469	12		38.6	42.7	0.0	55.7	52.5	86.1	81.0
1	9	9	469	16		38.6	42.7	0.0	55.7	52.5	86.1	81.0
1	9	9	469	20		38.6	42.7	0.0	55.7	52.5	86.1	81.0
1	10	9	470	0		38.6	42.7	0.0	55.7	52.5	86.1	81.0
1	10	9	470	4		38.6	42.7	0.0	55.7	52.5	86.1	81.0
1	10	9	470	8		38.6	42.7	0.0	55.7	52.5	86.1	81.0
1	10	9	470	12		36.0	35.3	0.0	61.1	63.2	74.2	67.5
1	10	9	470	16		36.4	37.9	0.0	56.8	61.0	74.3	66.9
1	10	9	470	20		37.6	39.3	0.0	60.6	59.1	73.8	66.3
1	11	9	471	0		38.6	38.9	0.0	61.0	63.7	72.1	65.6
1	11	9	471	4		40.6	40.1	0.0	58.4	59.6	77.9	72.1
1	11	9	471	8		41.3	42.5	0.0	58.4	61.7	79.2	73.1

LYSIMETER TEMPERATURES

DEGREES FAHRENHEIT

MO	DA	YR	DAY NU	HR	T1	T2	T3	T10	T11	T12	T13
1	11	9	471	12	42.3	39.9	0.0	57.1	61.0	78.6	72.4
1	11	9	471	16	43.9	40.6	0.0	56.7	52.6	82.0	76.6
1	11	9	471	20	45.1	41.1	0.0	56.2	57.3	83.3	76.5
1	12	9	472	0	45.6	41.1	0.0	56.8	53.1	82.0	76.1
1	12	9	472	4	45.6	41.1	0.0	56.8	53.1	82.0	76.1
1	12	9	472	8	45.6	41.1	0.0	56.8	53.1	82.0	76.1
1	12	9	472	12	45.6	41.1	0.0	56.8	53.1	82.0	76.1
1	12	9	472	16	45.6	41.1	0.0	56.8	53.1	82.0	76.1
1	12	9	472	20	45.6	41.1	0.0	56.8	53.1	82.0	76.1
1	13	9	473	0	45.6	41.1	0.0	56.8	53.1	82.0	76.1
1	13	9	473	4	45.6	41.1	0.0	56.8	53.1	82.0	76.1
1	13	9	473	8	45.6	41.1	0.0	56.8	53.1	82.0	76.1
1	13	9	473	12	41.7	41.0	0.0	60.4	61.1	80.0	75.4
1	13	9	473	16	42.6	40.2	0.0	60.6	58.1	80.3	75.9
1	13	9	473	20	43.1	40.5	0.0	61.3	61.5	83.7	76.5
1	14	9	474	0	41.7	40.3	0.0	60.2	61.2	84.5	79.2
1	14	9	474	4	41.9	41.2	0.0	58.6	54.7	86.4	82.7
1	14	9	474	8	40.1	41.2	0.0	55.6	54.7	85.4	80.1
1	14	9	474	12	42.0	40.5	0.0	60.7	61.3	82.0	78.3
1	14	9	474	16	41.7	40.7	0.0	58.6	52.3	84.7	80.6
1	14	9	474	20	41.9	40.3	0.0	57.5	60.2	83.3	80.9
1	15	9	475	0	41.5	40.1	0.0	56.3	52.2	83.8	80.0
1	15	9	475	4	39.2	40.8	0.0	57.7	53.6	84.0	79.7
1	15	9	475	8	41.6	41.2	0.0	57.2	51.1	84.4	81.2
1	15	9	475	12	41.3	41.1	0.0	59.8	61.7	81.1	79.3
1	15	9	475	16	41.7	41.0	0.0	55.2	52.1	85.0	80.8
1	15	9	475	20	41.5	41.3	0.0	59.3	61.2	84.1	80.5
1	16	9	476	0	41.5	41.3	0.0	59.4	57.5	82.9	79.3
1	16	9	476	4	39.4	41.8	0.0	59.7	60.9	82.7	79.2
1	16	9	476	8	41.3	41.7	0.0	59.7	57.1	81.3	78.0
1	16	9	476	12	41.5	41.4	0.0	59.3	53.8	81.9	79.2
1	16	9	476	16	41.8	41.0	0.0	59.1	56.2	86.1	81.4
1	16	9	476	20	39.3	41.4	0.0	59.2	55.0	84.3	81.4
1	17	9	477	0	39.0	41.2	0.0	60.0	62.4	85.4	80.3
1	17	9	477	4	38.3	42.1	0.0	57.3	56.4	85.2	81.4
1	17	9	477	8	39.7	41.4	0.0	60.1	59.7	86.1	81.4
1	17	9	477	12	39.0	41.2	0.0	59.3	54.4	85.5	81.6
1	17	9	477	16	38.1	41.4	0.0	58.0	52.0	84.5	82.2
1	17	9	477	20	38.3	41.4	0.0	58.9	52.0	84.3	82.7
1	18	9	478	0	38.7	41.2	0.0	57.0	53.4	86.4	83.5
1	18	9	478	4	38.7	42.1	0.0	58.6	51.9	83.1	84.0
1	18	9	478	8	38.7	41.3	0.0	58.3	50.8	83.7	85.1
1	18	9	478	12	38.7	42.2	0.0	57.4	54.5	87.3	85.6
1	18	9	478	16	38.9	42.4	0.0	58.3	51.4	86.6	85.4
1	18	9	478	20	37.8	43.1	0.0	58.6	52.4	91.3	84.5
1	19	9	479	0	38.4	44.0	0.0	58.7	52.6	91.7	87.4
1	19	9	479	4	41.7	43.1	0.0	59.0	51.4	91.7	88.0
1	19	9	479	8	41.8	44.2	0.0	58.4	56.7	90.6	88.2
1	19	9	479	12	42.7	41.8	0.0	58.3	50.0	91.0	87.5
1	19	9	479	16	41.1	41.8	0.0	58.6	52.5	90.6	87.6
1	19	9	479	20	41.8	44.1	0.0	58.5	50.2	91.5	86.9
1	20	9	480	0	40.4	41.7	0.0	58.7	52.4	90.1	85.9
1	20	9	480	4	40.0	43.1	0.0	58.6	50.1	89.4	85.2

LYSIMETER TEMPERATURES

DEGREES FAHRENHEIT

MO	DA	YR	DAY	NO	HR	T1	T2	T3	T10	T11	T12	T13
1	20	7	480			33.6	43.2	0.0	54.6	51.0	88.8	85.0
1	20	7	480	12		33.6	43.2	0.0	54.6	51.0	88.8	85.0
1	20	7	480	16		33.6	43.2	0.0	54.6	51.0	88.8	85.0
1	20	7	480	20		33.6	43.2	0.0	54.6	51.0	88.8	85.0
1	21	7	481			33.6	43.2	0.0	54.6	51.0	88.8	85.0
1	21	7	481	4		33.6	43.2	0.0	54.6	51.0	88.8	85.0
1	21	7	481			33.6	43.2	0.0	54.6	51.0	88.8	85.0
1	21	7	481	12		33.6	43.2	0.0	54.6	51.0	88.8	85.0
1	21	7	481	16		33.6	43.2	0.0	54.6	51.0	88.8	85.0
1	21	7	481	20		33.6	43.2	0.0	54.6	51.0	88.8	85.0
1	22	7	482	0		33.6	43.2	0.0	54.6	51.0	88.8	85.0
1	22	7	482	4		33.6	43.2	0.0	54.6	51.0	88.8	85.0
1	22	7	482			33.6	43.2	0.0	54.6	51.0	88.8	85.0
1	22	7	482	12		33.6	43.2	0.0	53.1	61.1	84.4	79.8
1	22	7	482	16		33.6	44.1	0.0	54.6	52.2	83.8	85.2
1	22	7	482	20		33.6	44.7	0.0	55.4	53.1	83.4	84.5
1	23	7	483	0		33.6	44.1	0.0	54.2	51.2	84.5	85.0
1	23	7	483	4		33.6	43.2	0.0	54.6	50.1	84.2	84.7
1	23	7	483			33.6	44.7	0.0	57.4	49.4	83.3	84.7
1	23	7	483	12		33.6	44.2	0.0	58.1	57.6	84.0	85.2
1	23	7	483	16		33.6	44.2	0.0	58.1	60.1	88.9	84.1
1	23	7	483	20		33.6	44.2	0.0	57.1	57.6	83.6	84.5
1	24	7	484	0		33.6	44.1	0.0	56.2	54.6	87.1	84.0
1	24	7	484	4		33.6	44.2	0.0	57.6	57.2	83.6	84.0
1	24	7	484			33.6	44.7	0.0	58.1	58.4	84.8	84.8
1	24	7	484	12		33.6	44.2	0.0	58.1	58.4	84.6	84.7
1	24	7	484	16		33.6	44.1	0.0	58.7	58.6	90.6	86.3
1	24	7	484	20		33.7	44.2	0.0	57.8	54.2	87.8	85.8
1	25	7	485			33.6	43.8	0.0	57.1	61.7	90.1	86.4
1	25	7	485	4		33.6	43.2	0.0	56.1	61.6	87.8	85.6
1	25	7	485			33.6	43.6	0.0	58.2	54.6	88.1	83.6
1	25	7	485	12		33.7	44.1	0.0	59.1	58.1	86.4	83.2
1	25	7	485	16		33.6	44.0	0.0	58.1	58.4	87.5	83.1
1	25	7	485	20		33.6	44.0	0.0	58.1	54.4	87.5	83.2
1	26	7	486			33.6	43.2	0.0	58.1	56.0	87.7	83.4
1	26	7	486	4		33.6	44.1	0.0	58.2	57.8	85.5	82.2
1	26	7	486			33.6	44.1	0.0	61.1	63.4	84.8	80.4
1	26	7	486	12		33.6	44.2	0.0	61.1	62.8	84.3	79.0
1	26	7	486	16		33.6	44.2	0.0	61.0	59.1	83.1	78.1
1	26	7	486	20		33.6	44.2	0.0	61.2	57.2	83.1	79.5
1	27	7	487			33.6	44.2	0.0	62.7	60.7	83.0	79.8
1	27	7	487	4		33.6	44.2	0.0	60.2	54.7	83.2	78.0
1	27	7	487			33.6	44.2	0.0	62.6	63.5	83.0	79.2
1	27	7	487	12		33.7	44.2	0.0	61.3	59.6	82.4	77.4
1	27	7	487	16		33.6	44.2	0.0	61.6	61.5	80.4	66.3
1	27	7	487	20		33.6	44.2	0.0	61.1	60.8	81.3	74.9
1	28	7	488			33.6	44.2	0.0	60.2	57.8	82.6	70.8
1	28	7	488			33.6	44.2	0.0	60.8	61.7	80.5	74.6
1	28	7	488	4		33.6	44.7	0.0	57.8	63.4	81.9	78.4
1	28	7	488			33.6	44.2	0.0	59.1	51.8	82.2	78.6
1	28	7	488	12		33.7	44.2	0.0	57.6	53.2	84.5	80.2
1	28	7	488	16		33.6	44.2	0.0	61.7	62.3	84.7	80.6
1	28	7	488	20		33.6	44.2	0.0	59.3	60.4	85.5	81.9

LYSIMETER TEMPERATURES

DEGREES FAHRENHEIT

MO	DA	YR	DAY NO	HR	T1	T2	T3	T10	T11	T12	T13
1	30	9	490	0	40.3	43.9	0.0	59.7	53.0	83.1	82.5
1	30	9	490	4	40.2	41.8	0.0	59.8	56.5	87.3	82.9
1	30	9	490	8	40.8	44.0	0.0	59.6	58.8	87.7	83.0
1	30	9	490	12	41.6	43.1	0.0	59.8	60.2	87.7	82.9
1	30	9	490	16	39.8	41.2	0.0	61.2	58.3	82.1	81.6
1	30	9	490	20	41.4	43.9	0.0	59.3	55.9	88.5	84.0
1	31	9	491	0	43.4	44.1	0.0	58.8	58.3	89.1	84.7
1	31	9	491	4	44.6	44.4	0.0	58.6	58.2	90.0	81.3
1	31	9	491	8	41.2	44.7	0.0	59.8	59.0	83.2	82.7
1	31	9	491	12	36.7	40.5	0.0	57.6	53.4	84.6	81.0
1	31	9	491	16	41.2	44.1	0.0	58.1	53.2	83.7	83.9
1	31	9	491	20	43.5	44.4	0.0	58.2	57.1	89.1	84.3
2	1	9	492	0	39.7	43.3	0.0	58.2	55.7	88.3	83.9
2	1	9	492	4	31.1	43.4	0.0	55.8	51.9	88.3	82.4
2	1	9	492	8	31.3	43.1	0.0	57.2	53.8	82.9	84.1
2	1	9	492	12	38.5	43.4	0.0	55.5	51.7	89.0	84.3
2	1	9	492	16	32.0	43.4	0.0	58.1	50.1	87.8	82.9
2	1	9	492	20	35.9	42.7	0.0	58.1	55.3	86.0	81.2
2	2	9	493	0	39.2	42.3	0.0	57.3	54.4	84.7	80.0
2	2	9	493	4	38.3	43.7	0.0	58.4	58.4	87.6	83.2
2	2	9	493	8	35.5	43.1	0.0	57.5	54.6	88.1	83.7
2	2	9	493	12	37.0	43.5	0.0	56.1	52.4	85.9	82.3
2	2	9	493	16	37.4	43.9	0.0	56.8	54.0	83.2	83.2
2	2	9	493	20	31.0	41.7	0.0	55.4	52.6	88.3	83.2
2	3	9	494	0	35.5	43.3	0.0	56.2	56.1	88.2	83.5
2	3	9	494	4	33.3	41.2	0.0	55.2	51.3	88.4	83.3
2	3	9	494	8	38.0	43.3	0.0	57.7	54.0	87.1	84.2
2	3	9	494	12	38.2	40.2	0.0	52.2	52.0	83.5	83.2
2	3	9	494	16	37.6	43.4	0.0	57.8	57.3	88.3	82.0
2	3	9	494	20	35.7	44.8	0.0	59.0	58.1	82.6	81.5
2	4	9	495	0	31.0	40.1	0.0	53.0	50.0	86.0	79.6
2	4	9	495	4	38.0	40.1	0.0	53.8	53.2	84.2	78.2
2	4	9	495	8	33.3	43.6	0.0	60.8	62.2	82.6	75.3
2	4	9	495	12	32.4	42.3	0.0	61.8	62.1	81.6	74.1
2	4	9	495	16	34.3	43.2	0.0	61.0	59.1	82.4	76.9
2	4	9	495	20	33.5	43.2	0.0	60.2	57.2	83.2	73.1
2	5	9	496	0	34.3	42.3	0.0	53.2	60.1	84.7	79.8
2	5	9	496	4	36.2	41.7	0.0	60.4	61.5	85.8	80.3
2	5	9	496	8	31.6	42.3	0.0	60.2	61.7	83.4	78.4
2	5	9	496	12	34.0	42.1	0.0	59.0	57.4	82.4	77.4
2	5	9	496	16	31.2	42.3	0.0	57.0	55.5	81.8	78.5
2	5	9	496	20	35.4	43.3	0.0	57.8	56.2	83.8	78.8
2	6	9	497	0	35.2	40.5	0.0	52.5	52.3	84.2	79.1
2	6	9	497	4	31.3	42.4	0.0	53.1	52.8	83.9	79.3
2	6	9	497	8	31.7	42.3	0.0	59.4	61.0	83.8	79.4
2	6	9	497	12	37.2	42.3	0.0	59.8	51.5	80.2	80.6
2	6	9	497	16	38.1	43.4	0.0	56.4	53.7	83.1	83.4
2	6	9	497	20	38.2	43.5	0.0	51.5	51.7	88.8	83.5
2	7	9	498	0	39.2	44.0	0.0	56.2	53.4	88.2	80.1
2	7	9	498	4	38.1	43.9	0.0	58.4	54.8	83.2	83.6
2	7	9	498	8	37.4	43.4	0.0	57.7	58.3	81.9	82.2
2	7	9	498	12	37.0	41.7	0.0	55.8	51.9	80.0	81.5
2	7	9	498	16	37.3	43.7	0.0	56.2	52.7	88.8	84.0

LYSIMETER TEMPERATURES

DEGREES FAHRENHEIT

MO	DA	YR	DAY NO	HR	T1	T2	T3	T10	T11	T12	T13
2	7	9	498	20	38.1	40.2	0.0	56.5	52.6	85.6	82.5
2	8	9	499	0	38.6	45.3	0.0	52.7	53.9	83.6	83.1
2	8	9	499	4	41.6	41.3	0.0	53.4	49.6	97.6	82.5
2	8	9	499	8	37.6	45.1	0.0	51.8	51.9	82.9	78.0
2	8	9	499	12	37.5	45.4	0.0	51.4	51.5	86.3	81.3
2	8	9	499	16	38.2	45.2	0.0	57.2	56.3	88.9	83.2
2	8	9	499	20	38.5	45.9	0.0	56.5	51.7	88.9	84.0
2	9	9	500	0	38.2	44.1	0.0	55.5	52.2	88.7	83.7
2	9	9	500	4	38.8	42.0	0.0	56.4	54.0	87.9	83.5
2	9	9	500	8	37.1	40.8	0.0	58.0	58.1	82.8	77.7
2	9	9	500	12	33.6	45.5	0.0	58.1	58.0	85.2	80.9
2	9	9	500	16	37.7	46.3	0.0	51.0	50.9	84.9	80.7
2	9	9	500	20	32.9	45.0	0.0	53.3	60.1	84.4	79.0
2	10	9	501	0	36.2	44.7	0.0	58.9	58.2	83.0	78.1
2	10	9	501	4	35.7	44.7	0.0	59.1	59.9	82.5	77.5
2	10	9	501	8	35.0	44.2	0.0	59.4	60.2	81.3	76.2
2	10	9	501	12	31.2	44.1	0.0	53.0	52.6	82.0	72.1
2	10	9	501	16	32.6	43.4	0.0	57.5	54.4	80.3	79.1
2	10	9	501	20	32.6	43.4	0.0	57.5	54.4	80.3	79.1
2	11	9	502	0	32.6	43.4	0.0	57.5	54.4	80.3	79.1
2	11	9	502	4	32.6	43.4	0.0	57.5	54.4	80.3	79.1
2	11	9	502	8	32.6	43.4	0.0	57.5	54.4	80.3	79.1
2	11	9	502	12	32.6	43.4	0.0	57.5	54.4	80.3	79.1
2	11	9	502	16	36.3	43.4	0.0	57.0	52.9	84.2	79.1
2	11	9	502	20	36.3	43.1	0.0	57.1	54.0	84.7	80.5
2	12	9	503	0	36.3	43.1	0.0	59.7	54.7	85.2	81.2
2	12	9	503	4	37.1	43.2	0.0	54.1	50.1	86.0	81.7
2	12	9	503	8	37.3	43.5	0.0	53.8	51.0	86.5	82.1
2	12	9	503	12	33.2	44.2	0.0	58.5	58.7	87.8	82.7
2	13	9	504	12	35.0	43.7	0.0	60.3	54.5	80.7	70.9
2	13	9	504	16	34.0	43.2	0.0	58.3	50.0	83.2	78.6
2	13	9	504	20	30.1	42.7	0.0	59.0	55.4	82.5	77.5
2	14	9	505	0	31.3	42.5	0.0	59.2	51.4	82.3	77.8
2	14	9	505	4	31.1	42.0	0.0	58.9	55.7	80.5	77.3
2	14	9	505	8	31.1	42.0	0.0	58.9	55.7	80.5	77.3
2	14	9	505	12	35.4	42.7	0.0	59.4	55.4	80.4	77.3
2	14	9	505	16	33.3	42.2	0.0	54.4	60.6	80.0	72.2
2	14	9	505	20	31.1	42.5	0.0	53.1	52.7	81.2	75.8
2	15	9	506	0	31.4	42.5	0.0	52.9	54.1	82.4	78.2
2	15	9	506	4	31.2	42.5	0.0	53.5	61.0	80.5	75.9
2	15	9	506	8	31.2	42.3	0.0	53.5	53.2	81.8	71.5
2	15	9	506	12	31.2	42.5	0.0	53.0	55.2	80.6	77.3
2	15	9	506	16	36.3	64.4	0.0	53.8	58.9	81.5	76.3
2	15	9	506	20	37.2	73.5	0.0	57.4	56.8	83.3	78.2
2	16	9	507	0	31.2	73.8	0.0	54.6	56.7	82.8	78.3
2	16	9	507	4	31.2	73.3	0.0	58.8	54.9	83.4	79.1
2	16	9	507	8	33.4	75.8	0.0	53.2	61.6	81.7	76.8
2	16	9	507	12	37.4	73.0	0.0	53.1	60.8	82.1	77.0
2	16	9	507	16	37.2	72.2	0.0	60.3	62.0	83.0	77.2
2	16	9	507	20	33.4	71.3	0.0	53.8	56.5	81.1	78.7
2	17	9	508	0	37.0	71.3	0.0	60.1	58.0	81.7	78.1
2	17	9	508	4	33.3	70.7	0.0	53.2	60.1	83.8	78.4
2	17	9	508	8	37.4	75.8	0.0	58.1	50.1	83.2	78.4

LYSIMETER TEMPERATURES

DEGREES FAHRENHEIT

MO	DA	YR	DAY NO	HR	T1	T2	T3	T10	T11	T12	T13
2	17	9	508	12	37.6	76.4	0.0	60.6	62.6	83.7	79.7
2	17	9	508	16	37.6	76.4	0.0	60.6	62.6	83.7	79.7
2	17	9	508	20	37.6	76.4	0.0	60.6	62.6	83.7	79.7
2	18	9	509	0	37.6	76.4	0.0	60.6	62.6	83.7	79.7
2	18	9	509	4	37.6	76.4	0.0	60.6	62.6	83.7	79.7
2	18	9	509	8	37.6	76.4	0.0	60.6	62.6	83.7	79.7
2	18	9	509	12	37.8	46.8	0.0	59.7	59.7	85.8	81.1
2	18	9	509	16	38.3	47.5	0.0	58.1	60.5	85.8	80.8
2	18	9	509	20	38.4	47.4	0.0	53.8	53.8	80.3	81.2
2	19	9	510	0	38.4	47.2	0.0	57.2	52.9	81.6	80.3
2	19	9	510	4	37.4	42.8	0.0	59.3	62.0	84.6	79.1
2	19	9	510	8	38.1	46.8	0.0	59.1	51.8	80.3	79.0
2	19	9	510	12	37.7	42.3	0.0	60.5	61.9	81.3	80.1
2	19	9	510	16	38.0	46.6	0.0	57.2	61.9	81.2	81.0
2	19	9	510	20	38.2	46.1	0.0	58.1	53.7	82.4	79.0
2	20	9	511	0	37.4	42.2	0.0	60.2	59.4	83.2	78.9
2	20	9	511	4	35.4	46.3	0.0	59.4	61.8	83.1	78.5
2	20	9	511	8	37.4	42.1	0.0	59.6	61.2	83.1	78.3
2	20	9	511	12	37.4	43.1	0.0	60.2	61.6	82.4	76.6
2	20	9	511	16	38.3	43.1	0.0	58.3	60.5	80.7	80.0
2	21	9	512	0	38.3	46.0	0.0	58.5	59.9	86.2	80.8
2	21	9	512	4	38.3	46.0	0.0	58.5	59.9	86.2	80.8
2	21	9	512	8	38.3	46.0	0.0	58.5	59.9	86.2	80.8
2	21	9	512	12	38.2	41.5	0.0	56.3	58.8	85.9	80.8
2	21	9	512	16	38.2	45.0	0.0	57.0	53.9	86.1	81.4
2	21	9	512	20	38.5	45.0	0.0	56.7	55.0	84.9	82.5
2	22	9	513	0	40.0	42.4	0.0	57.1	53.3	86.6	82.6
2	22	9	513	4	40.4	46.5	0.0	58.4	56.7	84.6	82.9
2	22	9	513	8	39.7	45.8	0.0	53.2	52.1	81.2	81.1
2	22	9	513	12	39.7	45.8	0.0	53.2	52.1	81.2	81.1
2	22	9	513	16	39.7	45.8	0.0	53.2	52.1	81.2	81.1
2	22	9	513	20	39.7	45.8	0.0	53.2	52.1	81.2	81.1
2	23	9	514	0	39.7	45.8	0.0	53.2	52.1	81.2	81.1
2	23	9	514	4	39.7	45.8	0.0	53.2	52.1	81.2	81.1
2	23	9	514	8	39.7	45.8	0.0	53.2	52.1	81.2	81.1
2	23	9	514	12	39.7	45.8	0.0	53.2	52.1	81.2	81.1
2	23	9	514	16	39.7	45.8	0.0	53.2	52.1	81.2	81.1
2	23	9	514	20	39.7	45.8	0.0	53.2	52.1	81.2	81.1
2	24	9	515	0	39.7	45.8	0.0	53.2	52.1	81.2	81.1
2	24	9	515	4	39.7	45.8	0.0	53.2	52.1	81.2	81.1
2	24	9	515	8	39.7	45.8	0.0	53.2	52.1	81.2	81.1
2	24	9	515	12	39.9	46.1	0.0	53.2	54.9	85.9	81.4
2	24	9	515	16	38.5	46.2	0.0	59.8	61.7	81.9	80.6
2	24	9	515	20	38.7	44.5	0.0	58.2	55.3	83.0	82.0
2	25	9	516	12	41.2	41.1	0.0	53.3	50.3	83.9	83.5
2	25	9	516	16	37.3	40.3	0.0	58.0	54.8	85.0	81.0
2	25	9	516	20	37.0	40.3	0.0	57.2	55.3	84.8	80.4
2	26	9	517	0	41.6	44.5	0.0	58.0	54.2	80.7	80.1
2	26	9	517	4	41.6	44.5	0.0	58.0	54.2	80.7	80.1
2	26	9	517	8	41.6	44.5	0.0	58.0	54.2	80.7	80.1
2	26	9	517	12	42.5	43.4	0.0	59.1	60.7	85.6	80.9
2	26	9	517	16	41.1	47.1	0.0	53.8	50.0	87.1	81.7
2	26	9	517	20	42.7	46.4	0.0	51.3	53.5	85.5	80.7

LYSIMETER TEMPERATURES

DEGREES FAHRENHEIT

MO	DA	YR	DAY NO	HR	T1	T2	T3	T10	T11	T12	T13
2	27	9	518	0	36.7	46.2	0.0	58.5	54.8	81.8	80.1
2	27	9	518	4	32.7	42.2	0.0	57.6	58.7	85.5	80.1
2	27	9	518	8	36.6	42.2	0.0	59.4	61.2	85.6	80.0
2	28	9	519	12	42.2	42.4	0.0	61.4	61.1	83.3	77.5
2	28	9	519	16	32.2	43.4	0.0	61.4	62.8	80.1	78.2
2	28	9	519	20	31.7	44.5	0.0	60.2	62.1	83.8	79.3
3	1	9	520	0	35.3	40.5	0.0	59.3	52.7	86.3	81.3
3	1	9	520	4	35.3	44.4	0.0	59.2	52.5	81.8	81.0
3	1	9	520	8	35.9	44.8	0.0	59.8	62.2	84.9	81.4
3	1	9	520	12	37.6	44.9	0.0	59.9	60.3	81.6	81.3
3	1	9	520	16	38.2	41.2	0.0	57.5	52.6	86.4	81.9
3	1	9	520	20	33.8	44.3	0.0	53.8	59.0	82.5	81.4
3	2	9	521	0	33.3	41.7	0.0	59.5	53.6	80.8	80.3
3	2	9	521	4	38.0	42.5	0.0	59.8	61.6	83.6	80.3
3	2	9	521	8	31.2	47.0	0.0	58.0	53.5	84.1	79.6
3	4	9	523	12	31.3	43.5	0.0	51.9	53.6	81.9	80.5
3	4	9	523	16	38.4	50.7	0.0	58.8	54.5	82.6	81.3
3	4	9	523	20	33.9	51.5	0.0	58.5	54.5	82.5	82.2
3	5	9	524	0	31.0	51.5	0.0	59.4	56.1	84.6	79.9
3	5	9	524	4	31.2	51.0	0.0	60.3	60.9	82.2	75.9
3	5	9	524	8	32.5	50.6	0.0	58.7	53.9	82.4	77.5
3	5	9	524	12	32.1	41.0	0.0	60.7	62.5	83.0	78.0
3	5	9	524	16	32.3	40.4	0.0	60.7	58.5	85.2	79.4
3	5	9	524	20	36.7	43.3	0.0	59.7	56.4	80.8	79.9
3	6	9	525	0	32.7	44.1	0.0	59.3	61.6	84.9	79.8
3	6	9	525	4	32.9	41.6	0.0	53.8	53.3	84.0	79.9
3	6	9	525	8	32.7	41.6	0.0	52.7	57.9	84.7	80.2
3	6	9	525	12	37.8	43.3	0.0	59.3	57.0	87.1	82.0
3	6	9	525	16	33.5	44.6	0.0	62.2	61.8	82.6	81.2
3	6	9	525	20	37.2	44.6	0.0	60.3	62.8	85.9	80.3
3	7	9	526	0	32.0	44.3	0.0	60.2	57.3	83.3	82.5
3	7	9	526	4	38.2	44.9	0.0	61.1	60.0	86.2	81.4
3	7	9	526	8	31.0	43.1	0.0	60.0	62.9	73.8	73.0
3	7	9	526	12	33.1	40.6	0.0	62.2	60.9	79.7	74.8
3	7	9	526	16	36.3	45.4	0.0	60.8	53.2	82.2	77.6
3	7	9	526	20	32.7	42.3	0.0	57.2	55.5	83.1	79.1
3	8	9	527	0	35.5	46.4	0.0	60.1	61.8	80.6	78.3
3	8	9	527	4	32.4	43.3	0.0	60.3	53.8	84.5	78.4
3	8	9	527	8	32.2	42.3	0.0	59.9	62.1	84.3	78.4
3	10	9	529	12	31.4	41.4	0.0	59.5	58.2	83.0	73.4
3	10	9	529	16	31.0	43.6	0.0	52.8	50.2	81.4	80.1
3	10	9	529	20	31.3	41.0	0.0	59.4	61.4	81.7	80.4
3	11	9	530	0	33.2	45.1	0.0	60.1	53.3	80.3	79.7
3	11	9	530	4	33.9	45.0	0.0	60.4	62.0	83.8	79.1
3	11	9	530	8	34.2	44.8	0.0	59.2	58.7	83.3	78.0
3	11	9	530	12	38.1	44.3	0.0	60.8	63.0	82.2	73.5
3	11	9	530	16	39.3	44.7	0.0	59.7	60.8	81.2	73.6
3	11	9	530	20	38.7	41.9	0.0	62.3	59.8	80.9	75.2
3	12	9	531	0	38.0	40.2	0.0	61.0	58.2	82.5	78.3
3	12	9	531	4	39.1	44.0	0.0	61.8	62.4	81.3	75.6
3	12	9	531	8	39.3	40.0	0.0	60.7	53.0	80.7	76.0
3	12	9	531	12	38.4	40.5	0.0	60.7	55.5	81.6	76.7
3	12	9	531	16	39.5	41.0	0.0	60.6	57.9	82.6	77.5

LYSIMETER TEMPERATURES

DEGREES FAHRENHEIT

MO	DA	YR	DAY	NO	HR	T1	T2	T3	T10	T11	T12	T13
3	12	9	531		20	66.4	41.8	0.0	60.6	59.5	83.7	78.5
3	13	9	532		0	59.8	41.8	0.0	56.9	52.5	83.8	78.5
3	13	9	532		4	60.7	41.5	0.0	60.4	62.8	93.1	71.7
3	13	9	532		8	60.1	41.5	0.0	59.4	60.5	83.2	77.8
3	14	9	533		0	45.3	41.6	0.0	60.0	60.2	80.3	78.5
3	14	9	533		4	40.9	41.2	0.0	59.0	51.5	81.6	80.7
3	14	9	533		8	40.7	41.6	0.0	58.4	57.6	91.8	80.0
3	14	9	533		12	41.0	41.4	0.0	58.8	58.4	85.0	79.9
3	14	9	533		16	41.0	41.4	0.0	59.7	51.1	82.4	81.2
3	16	9	535		16	45.7	42.5	0.0	56.6	52.6	89.3	80.1
3	16	9	535		20	45.5	42.2	0.0	58.6	56.0	88.8	80.5
3	17	9	536		0	41.4	42.6	0.0	58.5	50.9	88.8	83.8
3	17	9	536		4	41.8	42.1	0.0	59.8	59.2	89.0	83.1
3	17	9	536		8	41.7	42.0	0.0	57.3	52.9	88.2	82.1
3	17	9	536		12	43.2	46.3	0.0	53.5	53.4	88.9	83.8
3	17	9	536		16	42.5	45.7	0.0	63.0	62.5	73.8	71.3
3	17	9	536		20	41.2	45.8	0.0	53.1	50.8	91.3	82.8
3	18	9	537		0	44.0	44.2	0.0	53.5	53.5	89.7	85.6
3	18	9	537		4	42.5	47.0	0.0	53.1	54.7	89.4	80.5
3	18	9	537		8	42.6	45.9	0.0	58.2	50.4	87.9	82.9
3	18	9	537		12	47.4	45.3	0.0	60.2	58.2	86.7	81.1
3	18	9	537		16	47.4	43.4	0.0	58.8	50.7	82.8	81.8
3	19	9	538		20	41.4	42.8	0.0	60.8	62.3	86.8	82.7
3	20	9	539		0	43.4	44.0	0.0	60.2	52.8	84.8	80.4
3	20	9	539		4	42.5	43.2	0.0	60.0	53.8	83.9	83.5
3	20	9	539		20	47.6	41.7	0.0	60.7	60.6	80.0	72.3
3	22	9	541		12	41.4	43.0	0.0	59.0	60.1	88.3	83.0
3	22	9	541		20	41.2	43.4	0.0	56.7	53.1	88.8	90.2
3	23	9	542		0	41.8	43.5	0.0	52.3	50.3	88.3	83.7
3	23	9	542		4	40.0	43.4	0.0	52.6	53.9	83.1	81.5
3	25	9	544		12	43.1	41.2	0.0	59.7	58.4	82.8	82.1
3	25	9	544		16	41.1	45.4	0.0	61.3	61.0	83.9	80.8
3	25	9	544		20	41.0	43.3	0.0	60.5	60.9	87.2	82.7
3	26	9	545		0	41.7	43.4	0.0	54.2	55.9	83.1	82.6
3	26	9	545		4	41.0	43.3	0.0	58.6	54.0	88.5	83.7
3	26	9	545		8	41.0	43.1	0.0	58.1	50.5	90.6	85.9
3	26	9	545		12	41.7	48.4	0.0	58.6	59.9	87.6	80.0
3	26	9	545		16	41.4	41.1	0.0	59.1	56.9	83.7	80.9
3	26	9	545		20	41.5	47.2	0.0	60.0	59.2	82.9	82.4
3	27	9	546		0	43.1	43.1	0.0	59.5	53.0	83.6	78.5
3	27	9	546		4	41.4	43.2	0.0	58.1	53.6	80.2	79.7
3	27	9	546		8	41.3	46.2	0.0	59.0	53.4	84.3	78.4
3	27	9	546		12	41.3	46.2	0.0	58.8	55.1	85.4	80.1
3	27	9	546		16	41.1	41.4	0.0	59.7	51.0	83.1	81.1
3	31	9	550		16	40.3	42.1	0.0	59.3	51.5	80.6	78.3
4	1	9	551		12	44.2	44.1	0.0	61.0	59.2	87.8	82.0
4	1	9	551		16	40.4	46.1	0.0	60.6	58.2	87.2	82.2
4	1	9	551		20	43.7	51.1	0.0	61.1	62.4	87.6	81.7
4	2	9	552		0	43.3	51.4	0.0	59.3	55.3	87.0	81.2
4	2	9	552		4	50.0	51.6	0.0	59.5	54.7	88.4	80.8
4	2	9	552			50.2	51.7	0.0	59.7	53.9	87.7	80.4
4	2	9	552		12	51.7	51.9	0.0	59.9	53.3	89.2	80.0
4	2	9	552		16	50.6	51.4	0.0	58.5	54.6	89.8	80.6

LYSIMETER TEMPERATURES

DEGREES FAHRENHEIT

MO	DA	YR	DAY NO	HR	T1	T2	T3	T10	T11	T12	T13
4	2	9	552	20	52.9	57.0	0.0	59.1	55.3	89.1	83.9
4	3	9	553	12	53.5	59.0	0.0	60.4	62.2	80.9	80.1
4	3	9	553	16	53.2	60.3	0.0	58.7	54.5	83.3	82.5
4	3	9	553	20	53.1	60.6	0.0	59.4	52.6	87.4	80.3
4	4	9	554	0	50.3	60.3	0.0	60.0	53.0	84.9	79.7
4	4	9	554	4	52.5	60.3	0.0	53.2	52.8	80.5	79.3
4	4	9	554	8	52.6	60.2	0.0	56.3	57.4	80.2	78.8
4	4	9	554	12	52.4	59.6	0.0	59.0	51.9	81.7	81.1
4	4	9	554	16	51.8	52.7	0.0	58.3	53.0	82.0	81.6
4	4	9	554	20	52.1	52.4	0.0	57.8	53.6	81.5	81.4
4	5	9	555	0	52.3	52.2	0.0	59.0	51.4	81.8	80.8
4	5	9	555	4	51.7	52.0	0.0	58.5	54.8	83.8	83.2
4	5	9	555	8	51.5	52.2	0.0	58.2	60.8	88.3	84.1
4	5	9	555	12	50.1	51.9	0.0	58.6	55.7	83.7	83.5
4	5	9	555	16	51.8	52.2	0.0	57.9	50.4	89.0	84.3
4	5	9	555	20	51.3	52.4	0.0	59.0	53.9	90.0	80.7
4	6	9	556	0	51.9	52.4	0.0	57.2	53.4	89.9	84.5
4	6	9	556	4	50.4	52.6	0.0	56.1	59.0	88.6	84.0
4	8	9	558	12	52.5	57.1	0.0	58.9	58.1	91.0	85.9
4	8	9	558	16	52.4	57.5	0.0	53.6	58.3	90.3	83.2
4	8	9	558	20	53.2	51.3	0.0	58.4	61.1	85.1	81.0
4	9	9	559	0	50.9	53.2	0.0	53.9	52.3	83.1	78.7
4	9	9	559	4	50.6	53.7	0.0	58.6	51.3	88.2	83.0
4	9	9	559	8	51.8	55.9	0.0	57.8	52.5	89.7	84.2
4	9	9	559	12	53.0	57.1	0.0	57.0	53.6	91.2	85.5
4	9	9	559	16	51.9	53.0	0.0	55.1	52.6	91.3	86.5
4	9	9	559	20	52.6	53.0	0.0	58.7	57.2	90.5	82.2
4	10	9	560	0	51.9	56.2	0.0	58.3	58.0	90.2	86.0
4	10	9	560	4	52.2	53.0	0.0	52.2	52.5	90.0	81.7
4	10	9	560	8	52.8	57.1	0.0	54.8	53.0	89.7	81.8
4	10	9	560	12	51.4	53.5	0.0	52.8	53.0	92.4	87.5
4	10	9	560	16	52.5	56.1	0.0	57.1	53.6	92.2	83.5
4	10	9	560	20	50.4	51.4	0.0	57.0	53.5	90.3	85.3
4	11	9	561	0	54.9	51.2	0.0	53.2	53.7	90.8	80.5
4	11	9	561	4	51.5	51.1	0.0	59.2	58.9	89.6	83.6
4	11	9	561	8	51.7	51.7	0.0	52.7	52.8	83.9	80.2
4	11	9	561	12	51.0	45.7	0.0	53.3	53.4	86.7	81.5
4	11	9	561	16	51.1	48.3	0.0	59.8	56.8	88.8	80.8
4	14	9	564	12	51.5	53.0	0.0	56.9	55.4	83.5	82.5
4	14	9	564	16	52.0	52.1	0.0	57.8	56.0	96.0	83.1
4	14	9	564	20	53.4	62.2	0.0	58.7	56.7	83.6	83.8
4	15	9	565	12	57.3	58.3	0.0	62.6	64.1	83.6	80.2
4	15	9	565	16	53.5	58.1	0.0	58.7	55.4	85.5	80.7
4	15	9	565	20	51.2	50.5	0.0	55.9	52.1	86.9	83.1
4	16	9	566	12	48.0	58.2	0.0	59.1	57.8	85.7	81.4
4	16	9	566	16	48.1	57.4	0.0	58.7	56.3	87.3	81.4
4	16	9	566	20	47.9	57.1	0.0	58.7	58.5	85.7	80.7
4	17	9	567	0	48.4	56.3	0.0	59.8	59.4	84.5	80.7
4	17	9	567	4	47.1	56.6	0.0	58.9	55.7	84.6	81.0
4	18	9	568	4	48.1	58.4	0.0	56.8	53.0	87.1	82.0
4	18	9	568	8	47.3	57.1	0.0	57.5	56.0	85.4	83.9
4	18	9	568	12	48.4	56.4	0.0	56.1	52.5	87.5	82.2
4	18	9	568	16	47.4	56.7	0.0	55.5	52.2	88.6	83.9

LYSIMETER TEMPERATURES

DEGREES FAHRENHEIT

MO	DA	YR	DAY NO	HR	T1	T2	T3	T10	T11	T12	T13
4	18	9	568	20	47.9	55.6	0.0	55.7	52.4	87.7	82.1
4	21	9	571	12	48.9	55.2	0.0	60.5	61.0	83.4	79.3
4	21	9	571	16	47.7	55.4	0.0	59.3	58.1	84.0	79.0
4	21	9	571	20	48.5	55.6	0.0	58.1	55.1	84.6	78.9
4	22	9	572	0	49.4	55.4	0.0	59.8	57.1	80.4	76.6
4	22	9	572	4	46.6	55.2	0.0	51.0	60.6	79.0	75.9
4	22	9	572	8	48.7	55.3	0.0	60.3	58.1	79.0	75.5
4	23	9	573	12	48.3	56.9	0.0	56.5	55.2	86.3	81.0
4	23	9	573	16	48.4	56.9	0.0	56.3	55.3	85.7	80.5
4	23	9	573	20	48.6	56.9	0.0	55.7	51.8	84.3	79.2
4	24	9	574	0	49.5	56.8	0.0	53.4	59.9	83.1	79.0
4	24	9	574	4	47.4	56.4	0.0	57.6	54.1	82.7	78.4
4	24	9	574	8	48.4	56.1	0.0	56.7	55.4	81.7	78.1
4	24	9	574	12	50.0	53.8	0.0	60.3	60.1	73.7	69.5
4	24	9	574	16	47.7	54.1	0.0	62.5	64.4	76.3	72.6
4	25	9	575	12	49.8	58.5	0.0	57.0	54.2	89.9	86.1
4	28	9	578	16	47.8	58.3	0.0	57.2	58.3	93.7	89.4
4	30	9	580	12	47.0	55.5	0.0	59.9	59.5	82.5	77.6
4	30	9	580	16	49.2	55.6	0.0	57.8	53.9	93.6	77.8
4	30	9	580	20	47.3	60.4	0.0	54.3	50.6	86.1	81.0
5	1	9	581	0	47.4	64.5	0.0	56.9	54.0	87.2	82.1
5	2	9	582	0	47.1	64.5	0.0	55.3	51.5	87.8	81.8
5	3	9	583	0	50.4	65.1	0.0	55.7	51.9	89.3	84.0
5	4	9	584	0	51.2	65.6	2.0	56.1	52.3	90.8	86.2
5	5	9	585	0	53.1	66.3	0.0	56.5	52.7	92.4	88.4
5	6	9	586	0	54.4	66.9	0.0	60.8	59.5	91.6	86.0
5	7	9	587	0	55.5	70.6	0.0	59.6	57.0	92.6	86.8
5	8	9	588	0	59.1	71.1	0.0	57.4	58.1	94.2	88.4
5	9	9	589	0	57.0	83.7	0.0	56.9	54.9	92.2	85.8
5	10	9	590	0	64.2	71.7	0.0	57.8	57.9	88.0	84.0
5	11	9	591	0	70.2	84.0	0.0	59.1	60.2	96.8	82.8
5	12	9	592	0	68.0	78.1	0.0	59.0	58.5	86.5	82.3
5	13	9	593	0	61.8	71.2	0.0	58.9	56.8	86.2	81.8
5	14	9	594	0	67.7	72.3	0.0	58.7	55.1	85.9	81.3
5	15	9	595	0	67.1	69.4	0.0	56.7	53.1	89.6	84.9
5	16	9	596	0	66.8	71.6	0.0	58.7	55.5	93.1	87.0
5	17	9	597	0	64.6	74.2	0.0	59.1	59.1	90.5	84.7
5	18	9	598	0	64.6	73.8	0.0	58.0	56.7	92.3	86.5
5	19	9	599	0	63.6	77.3	0.0	57.0	54.4	94.1	88.4
5	20	9	600	0	59.2	67.6	0.0	57.7	54.5	91.0	86.3
5	21	9	601	0	61.3	69.5	0.0	58.4	56.6	91.3	86.1
5	22	9	602	0	64.4	68.6	0.0	58.2	58.4	91.6	85.9
5	23	9	603	0	67.0	67.2	0.0	60.0	60.4	91.8	85.7
5	24	9	604	0	71.3	68.1	0.0	58.1	49.7	90.8	86.0
5	25	9	605	0	66.4	68.2	0.0	58.1	52.0	90.9	86.0
5	26	9	606	0	58.3	69.1	0.0	57.1	54.3	91.1	86.0
5	27	9	607	0	59.2	71.4	0.0	57.9	56.2	91.5	86.0
5	28	9	608	0	63.1	73.1	0.0	58.8	58.2	91.8	87.1
5	29	9	609	0	63.0	63.3	0.0	59.2	56.5	93.0	88.2
5	30	9	610	0	64.4	75.9	0.0	57.8	55.7	95.0	90.2
5	31	9	611	0	67.3	82.5	0.0	57.3	54.9	97.0	92.2
6	1	9	612	0	73.1	83.1	0.0	56.8	54.0	99.0	94.2
6	2	9	613	0	76.9	85.5	0.0	56.3	53.1	101.0	96.2

LYSIMETER TEMPERATURES

DEGREES FAHRENHEIT

MO	DA	YR	DAY NO	FR	T1	T2	T3	T10	T11	T12	T13
6	3	9	614	0	64.4	89.4	0.0	56.5	53.0	93.7	90.5
6	4	9	615	0	64.7	84.9	0.0	57.7	53.9	90.6	85.0
6	5	9	616	0	64.4	92.3	0.0	54.8	53.7	96.9	92.0
6	6	9	617	0	64.9	84.5	0.0	54.5	51.2	95.4	90.3
6	7	9	618	0	65.3	88.4	0.0	55.7	53.8	94.3	89.0
6	8	9	619	0	65.7	87.3	0.0	56.9	56.3	93.3	87.8
6	9	9	620	0	66.0	86.1	0.0	58.9	58.8	92.2	86.5
6	10	9	621	0	66.3	87.0	0.0	59.2	60.0	93.7	88.8
6	11	9	622	0	66.6	73.0	0.0	55.6	53.8	94.2	88.8
6	12	9	623	0	66.1	77.0	0.0	56.7	53.4	97.4	92.0
6	13	9	624	0	65.7	77.9	0.0	56.9	53.6	94.7	89.2
6	14	9	625	0	67.3	78.8	0.0	57.1	53.9	95.6	90.1
6	15	9	626	0	67.9	73.8	0.0	57.3	54.1	96.5	91.1
6	16	9	627	0	68.6	80.9	0.0	57.6	54.3	93.8	88.2
6	17	9	628	0	68.4	80.2	0.0	58.3	55.8	90.4	85.9
6	18	9	629	0	68.4	79.6	0.0	59.0	57.3	92.1	87.0
6	19	9	630	0	68.3	79.0	0.0	59.9	58.8	88.8	84.7
6	20	9	631	0	68.6	78.3	0.0	56.6	52.4	97.8	93.2
6	21	9	632	0	71.1	80.0	0.0	56.3	53.1	98.5	93.5
6	22	9	633	0	69.7	80.5	0.0	57.1	53.8	97.4	91.7
6	23	9	634	0	69.8	81.0	0.0	57.9	54.5	96.3	90.5
6	24	9	635	0	69.7	81.5	0.0	58.7	55.2	95.2	89.3
6	25	9	636	0	69.4	81.8	0.0	57.7	54.4	95.1	90.2
6	26	9	637	0	69.1	81.9	0.0	56.7	53.5	95.0	91.2
6	27	9	638	0	69.1	77.1	0.0	58.3	55.0	92.4	87.6
6	28	9	639	0	69.4	81.9	0.0	57.1	53.6	94.0	89.1
6	29	9	640	0	69.0	80.5	0.0	57.2	54.0	95.3	90.9
6	30	9	641	0	69.8	74.2	0.0	57.2	56.2	95.6	92.7
7	1	9	642	0	69.4	80.4	0.0	58.1	56.2	95.1	91.9
7	2	9	643	0	70.1	80.9	0.0	59.0	56.2	95.6	91.1
7	3	9	644	0	69.8	77.3	0.0	57.2	54.0	97.5	92.1
7	7	9	648	0	71.0	86.5	0.0	59.1	55.8	91.5	84.9
7	8	9	649	0	70.8	82.7	0.0	62.0	60.7	85.5	79.1
7	9	9	650	0	72.5	85.1	0.0	53.0	57.3	88.4	83.5
7	10	9	651	0	71.6	86.7	0.0	57.2	53.7	95.7	88.4
7	11	9	652	0	69.8	83.6	0.0	58.2	56.2	93.7	88.4
7	12	9	653	0	71.9	93.1	0.0	56.3	53.2	99.0	92.8
7	13	9	654	0	71.1	90.8	0.0	56.4	53.0	95.2	88.5
7	14	9	655	0	70.3	89.3	0.0	57.5	56.2	95.4	89.3
7	15	9	656	0	77.3	94.0	0.0	53.8	52.8	100.7	94.9
7	16	9	657	0	70.2	93.7	0.0	57.4	54.4	100.0	94.3
7	17	9	658	0	70.2	84.6	0.0	58.3	54.8	94.8	89.9
7	23	9	664	0	70.2	83.1	0.0	61.5	61.1	83.6	81.0
7	24	9	665	0	69.3	86.1	0.0	60.6	57.5	80.0	85.0
7	25	9	666	0	69.9	83.5	0.0	61.8	61.0	91.0	84.1
7	26	9	667	0	69.2	85.0	0.0	60.1	51.9	91.2	85.5
7	27	9	668	0	69.1	87.4	0.0	60.6	55.5	92.5	86.9
7	28	9	669	0	69.1	89.1	0.0	60.2	59.1	93.8	88.3
7	29	9	670	0	73.3	86.4	0.0	61.1	59.4	80.8	86.7
7	30	9	671	0	71.1	80.2	0.0	54.5	56.2	95.0	91.8
7	31	9	672	0	72.3	84.6	0.0	57.3	56.0	101.1	96.5
8	1	9	673	0	73.2	84.1	0.0	57.6	55.4	97.7	95.1
8	2	9	674	0	71.7	83.6	0.0	57.9	54.8	98.2	93.8

LYSIMETER TEMPERATURES

DEGREES FAHRENHEIT

MO	DA	YR	DAY NO	HR	T1	T2	T3	T10	T11	T12	T13
8	3	9	675	0	71.5	84.3	0.0	59.5	56.7	94.8	91.6
8	4	9	676	0	69.5	89.1	0.0	61.1	58.5	91.5	89.4
8	5	9	677	0	66.9	82.0	0.0	60.1	57.6	87.6	81.9
8	12	9	684	0	64.3	84.2	0.0	57.8	0.0	87.5	83.1
8	18	9	721	0	53.1	79.3	0.0	60.8	59.1	83.9	79.3
8	19	9	722	0	59.6	72.7	0.0	59.1	59.2	83.7	77.2
8	22	9	725	0	57.2	84.2	0.0	57.3	57.3	90.0	82.9
8	23	9	726	0	61.4	78.1	0.0	57.6	56.6	90.3	83.5
8	24	9	727	0	65.5	78.2	0.0	57.7	57.5	89.4	84.7
8	25	9	728	0	65.8	74.3	0.0	55.2	53.2	92.0	87.5
8	29	9	732	0	67.1	70.3	0.0	60.7	61.0	79.8	72.9

SECTION 1-B

LYSIMETER GAS COMPOSITION

Notes:

1. Nomenclature

   CO_2 = Carbon Dioxide
   O_2 = Oxygen
   N_2 = Nitrogen
   CH_4 = Methane
   H_2S = Hydrogen
   CO = Carbon Monoxide

2. All results are in percent of total gas.

LYSIMETER GAS ANALYSIS

TOP PORT

MO	DA	YR	DAY NO	LOC	CO2	O2	N2	CH4	H2S	CO
1	6	9	466	G1	0.4	20.0	79.5	0.0	0.0	0.0
1	8	0	468	G1	0.9	20.6	78.4	0.1	0.0	0.0
1	12	0	472	G1	1.0	19.1	79.9	0.0	0.0	0.0
1	14	0	474	G1	1.0	18.7	80.2	0.1	0.0	0.0
1	17	0	477	G1	1.6	18.8	79.6	0.1	0.0	0.0
1	24	0	484	G1	1.0	19.3	79.6	0.1	0.0	0.0
1	27	0	487	G1	1.0	19.3	79.6	0.1	0.0	0.0
1	31	0	491	G1	0.8	19.4	79.7	0.1	0.0	0.0
2	5	0	496	G1	0.7	19.1	80.1	0.1	0.0	0.0
2	7	0	498	G1	0.6	20.1	79.1	0.2	0.0	0.0
2	10	0	501	G1	1.0	18.0	79.9	0.1	0.0	0.0
2	19	0	510	G1	0.9	18.7	80.3	0.1	0.0	0.0
2	21	0	512	G1	0.8	19.0	79.9	0.2	0.0	0.0
2	24	0	515	G1	0.4	19.5	80.0	0.1	0.0	0.0
2	27	0	518	G1	0.8	19.3	79.7	0.2	0.0	0.0
3	4	0	523	G1	1.3	18.5	79.9	0.2	0.0	0.0
3	7	0	526	G1	1.1	18.9	79.8	0.2	0.0	0.0
3	10	0	529	G1	1.5	18.2	80.1	0.2	0.0	0.0
3	13	0	532	G1	2.0	17.7	80.0	0.2	0.0	0.0
3	19	0	538	G1	0.4	19.4	80.1	0.1	0.0	0.0
3	21	0	540	G1	1.2	19.3	79.4	0.1	0.0	0.0
3	24	0	543	G1	0.5	19.7	79.7	0.2	0.0	0.0
3	31	0	550	G1	1.4	18.3	80.1	0.2	0.0	0.0
4	11	0	561	G1	1.0	19.5	79.4	0.2	0.0	0.0
4	18	0	568	G1	2.5	16.4	80.3	0.8	0.0	0.0
4	25	0	575	G1	3.4	16.1	79.9	0.5	0.0	0.0
5	2	0	582	G1	2.9	16.5	80.2	0.2	0.0	0.0
5	9	0	589	G1	2.7	16.8	80.4	0.0	0.0	0.0
5	16	0	596	G1	2.1	17.1	80.6	0.1	0.0	0.0
5	23	0	603	G1	3.7	38.5	57.5	0.2	0.0	0.0
6	2	0	613	G1	2.7	17.5	79.6	0.1	0.0	0.0
6	13	0	622	G1	0.0	0.0	0.0	0.0	0.0	0.0
6	23	0	632	G1	6.2	14.3	79.1	0.2	0.0	0.0
6	30	0	639	G1	4.9	28.5	66.3	0.2	0.0	0.0
7	8	0	647	G1	3.9	18.4	77.5	0.2	0.0	0.0
7	15	0	654	G1	2.5	16.1	81.3	0.1	0.0	0.0
7	22	0	661	G1	2.2	16.5	81.2	0.1	0.0	0.0
7	29	0	668	G1	4.4	29.2	66.3	0.1	0.0	0.0
8	5	0	675	G1	2.3	16.4	81.2	0.1	0.0	0.0
8	12	0	682	G1	7.6	8.1	83.6	0.5	0.0	0.0
8	19	0	689	G1	11.6	13.4	72.2	0.1	0.0	0.0
8	26	0	696	G1	7.3	11.7	80.7	0.0	0.0	0.0
9	3	0	704	G1	4.6	15.0	80.2	0.2	0.0	0.0
9	9	0	711	G1	11.5	15.5	72.1	0.2	0.0	0.0
9	16	0	718	G1	7.5	16.0	86.2	0.1	0.0	0.0
9	23	0	725	G1	4.4	29.2	66.3	0.1	0.0	0.0
9	30	0	732	G1	4.6	14.3	78.4	0.6	0.0	0.0

LYSIMETER GAS ANALYSIS

SECOND PORT

MO	DA	YR	DAY NO	LOC	CO2	O2	N2	CH4	H2S	CO
1	6	9	466	G2	21.7	6.4	51.3	20.5	0.0	0.0
1	8	9	468	G2	21.7	6.4	51.3	20.5	0.0	0.0
1	12	9	472	G2	22.9	5.3	52.6	19.2	0.0	0.0
1	14	9	474	G2	19.8	7.3	57.3	15.5	0.0	0.0
1	17	9	477	G2	21.3	6.0	54.5	18.2	0.0	0.0
1	24	9	484	G2	23.9	5.6	51.4	19.1	0.0	0.0
1	27	9	487	G2	23.9	5.6	51.4	19.1	0.0	0.0
1	31	9	491	G2	22.7	5.6	52.7	19.0	0.0	0.0
2	5	9	496	G2	21.3	7.1	54.7	16.9	0.0	0.0
2	7	9	498	G2	23.3	4.5	53.3	18.9	0.0	0.0
2	10	9	501	G2	22.1	6.5	53.8	17.6	0.0	0.0
2	19	9	510	G2	24.5	5.3	49.5	20.7	0.0	0.0
2	21	9	512	G2	19.9	6.9	54.5	18.8	0.0	0.0
2	24	9	515	G2	19.4	8.3	56.2	16.1	0.0	0.0
2	27	9	518	G2	22.1	6.7	53.2	18.0	0.0	0.0
3	4	9	523	G2	23.9	8.0	57.7	10.3	0.0	0.0
3	7	9	526	G2	19.6	8.0	55.2	17.2	0.0	0.0
3	10	9	529	G2	19.6	8.0	55.2	17.2	0.0	0.0
3	13	9	532	G2	27.0	3.9	45.4	22.9	0.0	0.0
3	16	9	535	G2	27.0	3.9	45.4	22.9	0.0	0.0
3	21	9	540	G2	20.6	5.7	60.5	13.2	0.0	0.0
3	24	9	543	G2	24.2	2.2	55.1	18.5	0.0	0.0
3	31	9	550	G2	20.7	7.0	55.4	16.9	0.0	0.0
4	11	9	561	G2	23.1	5.6	50.2	21.0	0.0	0.0
4	18	9	568	G2	26.9	3.5	41.5	28.3	0.0	0.0
4	25	9	575	G2	26.3	5.6	44.0	23.2	0.0	0.0
5	2	9	582	G2	26.3	5.6	44.9	23.2	0.0	0.0
5	9	9	589	G2	34.4	0.1	39.5	26.0	0.0	0.0
5	16	9	596	G2	25.0	2.6	51.2	21.2	0.0	0.0
5	23	9	603	G2	20.1	4.9	52.5	22.5	0.0	0.0
6	2	9	613	G2	23.7	5.6	49.6	21.1	0.0	0.0
6	13	9	622	G2	27.7	5.1	37.7	29.5	0.0	0.0
6	23	9	632	G2	29.1	6.2	33.7	30.0	0.0	0.0
6	30	9	639	G2	27.7	7.5	44.7	20.2	0.0	0.0
7	8	9	647	G2	29.7	4.9	40.2	25.2	0.0	0.0
7	15	9	654	G2	17.5	8.2	73.4	0.9	0.0	0.0
7	22	9	661	G2	21.3	2.4	58.2	17.0	0.0	0.0
7	29	9	668	G2	21.5	5.4	54.3	19.3	0.0	0.0
8	5	9	675	G2	21.5	3.4	56.4	17.3	0.0	0.0
8	12	9	682	G2	27.5	4.5	38.7	29.3	0.0	0.0
8	19	9	689	G2	21.9	5.4	49.3	23.3	0.0	0.0
8	26	9	696	G2	30.4	3.7	50.4	15.3	0.0	0.0
9	3	9	704	G2	24.4	3.7	51.1	20.8	0.0	0.0
9	9	9	711	G2	21.5	5.3	50.0	23.2	0.0	0.0
9	16	9	718	G2	21.3	2.4	58.2	17.0	0.0	0.0
9	23	9	725	G2	21.5	5.4	54.3	19.3	0.0	0.0
9	30	9	732	G2	32.2	5.6	35.1	27.1	0.0	0.0

LYSIMETER GAS ANALYSIS

THIRD PORT

MO	DA	YR	DAY NO	LOC	CO2	O2	N2	CH4	H2S	CO
1	6	0	466	G3	27.1	4.0	47.9	21.2	0.0	0.0
1	8	0	468	G3	20.1	1.2	44.0	35.5	0.0	0.0
1	12	0	472	G3	23.2	4.8	51.8	20.2	0.0	0.0
1	14	0	474	G3	30.2	1.7	41.9	26.2	0.0	0.0
1	17	0	477	G3	27.0	1.0	46.3	24.7	0.0	0.0
1	24	0	484	G3	28.4	2.0	46.0	23.7	0.0	0.0
1	27	0	487	G3	30.0	1.9	43.9	24.1	0.0	0.0
1	31	0	491	G3	30.0	2.1	41.7	25.3	0.0	0.0
2	5	0	496	G3	31.4	1.8	42.3	24.4	0.0	0.0
2	7	0	498	G3	31.4	1.8	41.5	25.3	0.0	0.0
2	10	0	501	G3	32.3	1.0	40.4	26.3	0.0	0.0
2	10	0	510	G3	33.0	1.2	39.4	27.4	0.0	0.0
2	21	0	512	G3	31.8	0.4	39.4	28.4	0.0	0.0
2	24	0	515	G3	31.6	1.5	38.0	27.0	0.0	0.0
2	27	0	518	G3	33.8	0.6	36.6	28.9	0.0	0.0
3	4	0	523	G3	28.0	4.0	43.3	24.7	0.0	0.0
3	7	0	526	G3	28.0	4.0	43.3	24.7	0.0	0.0
3	10	0	529	G3	20.1	11.7	59.0	9.1	0.0	0.0
3	12	0	532	G3	20.1	11.7	59.0	9.1	0.0	0.0
3	19	0	539	G3	29.6	1.0	50.3	19.1	0.0	0.0
3	21	0	541	G3	31.5	0.4	47.0	21.2	0.0	0.0
3	24	0	544	G3	31.4	0.6	45.1	22.9	0.0	0.0
3	31	0	551	G3	33.4	0.8	40.4	25.3	0.0	0.0
4	11	0	561	G3	34.1	0.4	34.5	31.1	0.0	0.0
4	18	0	568	G3	32.7	0.6	33.3	33.4	0.0	0.0
4	25	0	575	G3	37.4	0.3	27.3	35.0	0.0	0.0
5	2	0	582	G3	32.0	1.1	36.6	30.3	0.0	0.0
5	9	0	589	G3	31.8	2.1	42.8	23.3	0.0	0.0
5	16	0	596	G3	25.0	1.5	44.4	29.2	0.0	0.0
5	23	0	603	G3	16.1	3.2	63.2	13.4	0.0	0.0
6	2	0	613	G3	26.0	1.8	44.3	27.8	0.0	0.0
6	13	0	623	G3	31.2	0.4	48.0	20.5	0.0	0.0
6	23	0	633	G3	42.2	1.3	37.3	19.2	0.0	0.0
6	30	0	640	G3	38.7	3.4	33.8	24.2	0.0	0.0
7	8	0	648	G3	34.5	4.5	34.0	23.0	0.0	0.0
7	15	0	655	G3	33.7	1.4	40.8	24.1	0.0	0.0
7	22	0	662	G3	23.4	2.5	53.6	20.4	0.0	0.0
7	29	0	670	G3	34.6	2.8	26.7	33.0	0.0	0.0
8	5	0	677	G3	33.2	2.7	53.9	10.4	0.0	0.0
8	12	0	684	G3	43.6	7.3	22.1	27.5	0.0	0.0
8	19	0	691	G3	34.2	2.1	22.2	41.5	0.0	0.0
8	26	0	698	G3	38.6	10.6	35.1	24.2	0.0	0.0
9	3	0	706	G3	40.2	2.1	24.4	33.0	0.0	0.0
9	9	0	711	G3	46.2	1.7	33.5	18.6	0.0	0.0
9	16	0	718	G3	38.6	3.6	52.8	25.1	0.0	0.0
9	23	0	725	G3	30.2	3.2	28.7	37.8	0.0	0.0
9	30	0	732	G3	41.2	2.6	42.4	13.4	0.0	0.0

LYSIMETER GAS ANALYSIS

FOURTH PORT

MO	DA	YR	DAY NO	LOC	CO2	O2	N2	CH4	H2S	CO
1	6	0	466	G4	27.5	1.0	50.3	20.3	0.0	0.0
1	9	0	469	G4	24.0	4.0	50.5	20.5	0.0	0.0
1	12	0	472	G4	25.1	3.0	50.4	20.6	0.0	0.0
1	14	0	474	G4	26.3	2.5	47.2	24.0	0.0	0.0
1	17	0	477	G4	24.9	3.4	50.3	21.4	0.0	0.0
1	24	0	484	G4	26.9	3.6	47.7	21.7	0.0	0.0
1	27	0	487	G4	25.6	4.8	49.3	19.8	0.0	0.0
1	31	0	491	G4	27.2	2.5	47.3	23.0	0.0	0.0
2	5	0	496	G4	27.2	2.5	47.3	23.0	0.0	0.0
2	7	0	498	G4	28.1	2.4	47.8	20.6	0.0	0.0
2	10	0	501	G4	28.1	2.4	47.8	20.6	0.0	0.0
2	10	0	510	G4	28.7	2.0	43.5	24.8	0.0	0.0
2	21	0	512	G4	26.2	2.8	47.2	23.8	0.0	0.0
2	24	0	515	G4	28.6	2.2	44.1	24.1	0.0	0.0
2	27	0	519	G4	30.2	2.2	42.2	25.3	0.0	0.0
3	4	0	523	G4	28.8	2.7	41.6	25.9	0.0	0.0
3	7	0	526	G4	27.5	3.0	44.3	24.4	0.0	0.0
3	10	0	529	G4	28.8	2.8	43.2	25.1	0.0	0.0
3	13	0	532	G4	28.8	2.8	43.2	25.1	0.0	0.0
3	16	0	535	G4	26.7	2.2	54.2	16.8	0.0	0.0
3	21	0	540	G4	27.4	2.7	52.5	17.4	0.0	0.0
3	24	0	543	G4	28.8	1.8	47.5	20.8	0.0	0.0
3	31	0	550	G4	30.4	2.3	45.4	21.7	0.0	0.0
4	11	0	561	G4	28.6	2.8	43.0	25.7	0.0	0.0
4	18	0	568	G4	26.8	2.2	38.7	32.2	0.0	0.0
4	25	0	575	G4	33.4	1.8	34.4	30.3	0.0	0.0
5	2	0	582	G4	28.6	2.1	40.1	29.1	0.0	0.0
5	9	0	589	G4	31.8	1.8	43.4	23.2	0.0	0.0
5	16	0	596	G4	24.2	1.8	48.1	24.1	0.0	0.0
5	23	0	603	G4	33.4	2.4	46.1	20.0	0.0	0.0
6	2	0	613	G4	25.0	1.8	47.5	25.8	0.0	0.0
6	13	0	623	G4	25.0	2.4	48.5	24.0	0.0	0.0
6	22	0	632	G4	27.2	2.5	38.1	32.2	0.0	0.0
6	30	0	640	G4	30.2	2.5	34.2	34.1	0.0	0.0
7	9	0	649	G4	4.4	17.1	71.4	5.1	0.0	0.0
7	15	0	655	G4	25.0	2.5	45.2	24.0	0.0	0.0
7	22	0	662	G4	27.2	2.4	46.5	23.0	0.0	0.0
7	29	0	670	G4	27.2	15.0	37.1	16.2	0.0	0.0
8	3	0	674	G4	15.5	4.2	24.1	52.2	0.0	0.0
8	12	0	683	G4	8.2	14.5	70.8	6.3	0.0	0.0
8	19	0	690	G4	4.2	15.5	78.4	1.2	0.0	0.0
8	24	0	695	G4	4.1	15.4	80.4	0.0	0.0	0.0
9	3	0	704	G4	43.8	5.4	45.4	5.4	0.0	0.0
9	9	0	711	G4	4.0	15.4	78.2	0.0	0.0	0.0
9	16	0	718	G4	27.4	0.4	44.4	28.0	0.0	0.0
9	23	0	725	G4	29.1	15.7	30.8	14.4	0.0	0.0
9	30	0	732	G4	27.8	6.4	49.3	15.3	0.0	0.0

LYSIMETER GAS ANALYSIS

SOIL SURFACE

MO	DA	YR	DAY NO	LOC	CO2	O2	N2	CH4	H2S	CO
1	6	0	466	G5	0.1	20.1	79.8	0.0	0.0	0.0
1	8	0	468	G5	0.0	19.8	80.2	0.0	0.0	0.0
1	12	0	472	G5	0.1	19.7	80.2	0.0	0.0	0.0
1	14	0	474	G5	0.1	20.1	79.9	0.0	0.0	0.0
1	17	0	477	G5	1.2	19.3	79.5	0.0	0.0	0.0
1	24	0	484	G5	0.0	0.0	0.0	0.0	0.0	0.0
1	27	0	487	G5	0.8	20.2	78.7	0.3	0.0	0.0
1	31	0	491	G5	0.1	20.5	79.5	0.0	0.0	0.0
2	5	0	496	G5	0.1	20.3	79.6	0.0	0.0	0.0
2	7	0	498	G5	0.1	19.7	80.2	0.0	0.0	0.0
2	10	0	501	G5	0.6	19.3	80.1	0.0	0.0	0.0
2	19	0	510	G5	0.1	18.5	81.5	0.0	0.0	0.0
2	21	0	512	G5	0.0	20.1	79.8	0.0	0.0	0.0
2	24	0	515	G5	0.1	19.4	80.5	0.0	0.0	0.0
2	27	0	518	G5	0.1	20.3	79.7	0.0	0.0	0.0
3	4	0	522	G5	0.1	20.7	79.3	0.0	0.0	0.0
3	7	0	526	G5	0.1	19.6	80.4	0.0	0.0	0.0
3	10	0	529	G5	0.1	20.1	79.9	0.0	0.0	0.0
3	13	0	532	G5	0.1	20.1	79.9	0.0	0.0	0.0
3	18	0	538	G5	1.0	20.0	79.0	0.0	0.0	0.0
3	21	0	540	G5	0.1	20.1	79.8	0.0	0.0	0.0
3	24	0	543	G5	0.2	19.5	80.3	0.0	0.0	0.0
3	31	0	550	G5	0.1	20.1	79.7	0.1	0.0	0.0
4	11	0	561	G5	0.1	19.5	80.5	0.1	0.0	0.0
4	18	0	568	G5	0.1	19.8	79.9	0.3	0.0	0.0
4	25	0	575	G5	0.1	19.8	80.2	0.0	0.0	0.0
5	2	0	582	G5	0.1	19.9	79.9	0.0	0.0	0.0
5	9	0	589	G5	0.1	19.9	80.0	0.0	0.0	0.0
5	16	0	596	G5	0.1	19.9	80.0	0.0	0.0	0.0
5	23	0	603	G5	0.2	19.7	80.1	0.0	0.0	0.0
6	2	0	613	G5	0.1	20.6	79.3	0.0	0.0	0.0
6	13	0	622	G5	3.5	24.1	72.4	0.0	0.0	0.0
6	23	0	632	G5	0.0	0.0	0.0	0.0	0.0	0.0
6	30	0	639	G5	2.5	22.1	75.4	0.0	0.0	0.0
7	8	0	648	G5	27.1	22.9	50.5	0.0	0.0	0.0
7	15	0	655	G5	0.0	0.0	0.0	0.0	0.0	0.0
7	22	0	662	G5	12.2	43.7	44.0	0.0	0.0	0.0
7	29	0	670	G5	25.9	22.4	52.0	0.0	0.0	0.0
8	3	0	675	G5	12.2	43.7	44.0	0.0	0.0	0.0
8	12	0	684	G5	10.3	30.9	58.3	0.0	0.0	0.0
8	19	0	691	G5	10.2	19.9	69.3	10.0	0.0	0.0
8	26	0	698	G5	0.3	18.7	81.0	0.0	0.0	0.0
9	2	0	705	G5	0.0	0.0	0.0	0.0	0.0	0.0
9	9	0	711	G5	0.2	20.0	79.7	0.2	0.0	0.0
9	16	0	719	G5	12.2	43.7	44.0	0.0	0.0	0.0
9	23	0	726	G5	25.4	22.4	52.0	0.0	0.0	0.0
9	30	0	733	G5	0.0	0.0	0.0	0.0	0.0	0.0

LYSIMETER GAS ANALYSIS

ROOM AIR

MO	DA	YR	DAY NO	LOC	CO2	O2	N2	CH4	H2S	CO
1	6	9	466	G6	0.0	0.0	0.0	0.0	0.0	0.0
1	8	9	468	G6	1.3	18.9	79.6	0.3	0.0	0.0
1	12	9	472	G6	1.8	18.4	79.7	0.1	0.0	0.0
1	14	9	474	G6	1.6	17.9	80.3	0.2	0.0	0.0
1	17	9	477	G6	0.9	17.9	81.1	0.1	0.0	0.0
1	24	9	484	G6	1.5	17.5	80.7	0.2	0.0	0.0
1	27	9	487	G6	0.2	19.5	80.3	0.0	0.0	0.0
1	31	9	491	G6	1.1	19.3	79.4	0.2	0.0	0.0
2	5	9	496	G6	1.6	21.1	77.2	0.2	0.0	0.0
2	7	9	498	G6	1.4	18.4	79.9	0.2	0.0	0.0
2	10	9	501	G6	1.8	18.3	79.8	0.1	0.0	0.0
2	19	9	510	G6	1.2	18.5	80.1	0.2	0.0	0.0
2	21	9	512	G6	1.5	18.4	79.8	0.3	0.0	0.0
2	24	9	515	G6	1.6	19.5	78.6	0.3	0.0	0.0
2	27	9	518	G6	1.4	18.2	80.1	0.3	0.0	0.0
3	4	9	522	G6	2.1	18.1	79.5	0.3	0.0	0.0
3	7	9	524	G6	2.3	17.5	79.7	0.5	0.0	0.0
3	10	9	529	G6	2.6	17.0	79.9	0.4	0.0	0.0
3	13	9	532	G6	3.5	15.9	80.2	0.4	0.0	0.0
3	19	9	538	G6	1.6	17.9	80.5	0.1	0.0	0.0
3	21	9	540	G6	1.6	17.4	80.9	0.1	0.0	0.0
3	24	9	543	G6	1.1	19.2	80.7	0.0	0.0	0.0
3	31	9	550	G6	2.9	16.8	79.9	0.3	0.0	0.0
4	11	9	561	G6	5.0	15.4	79.0	0.6	0.0	0.0
4	18	9	568	G6	4.9	13.9	79.9	1.4	0.0	0.0
4	25	9	575	G6	6.9	12.7	79.4	1.0	0.0	0.0
5	2	9	582	G6	5.1	14.0	80.4	0.4	0.0	0.0
5	9	9	589	G6	4.5	14.9	80.4	0.1	0.0	0.0
5	16	9	596	G6	3.4	15.2	80.1	0.0	0.0	0.0
5	23	9	603	G6	4.5	15.2	79.9	0.3	0.0	0.0
6	2	9	613	G6	3.9	15.6	80.3	0.1	0.0	0.0
6	13	9	622	G6	11.1	14.6	73.9	0.3	0.0	0.0
6	23	9	632	G6	12.4	14.0	73.5	0.6	0.0	0.0
6	30	9	639	G6	0.1	19.3	80.6	0.0	0.0	0.0
7	8	9	648	G6	4.9	17.3	77.8	0.2	0.0	0.0
7	15	9	656	G6	13.8	14.2	71.7	0.1	0.0	0.0
7	22	9	663	G6	3.4	16.9	79.5	0.1	0.0	0.0
7	29	9	670	G6	0.0	0.0	0.0	0.0	0.0	0.0
8	3	9	677	G6	3.4	17.0	79.4	0.0	0.0	0.0
8	12	9	687	G6	12.9	5.7	80.3	0.0	0.0	0.0
8	19	9	694	G6	12.0	6.3	81.5	0.1	0.0	0.0
8	26	9	701	G6	12.1	8.2	79.6	0.0	0.0	0.0
9	3	9	709	G6	8.2	11.6	80.1	0.0	0.0	0.0
9	9	9	715	G6	12.0	6.4	81.4	0.0	0.0	0.0
9	16	9	722	G6	3.4	16.9	79.5	0.1	0.0	0.0
9	23	9	729	G6	0.0	0.0	0.0	0.0	0.0	0.0
9	30	9	736	G6	4.4	16.9	78.3	0.0	0.0	0.0

SECTION 1-C1

LYSIMETER LEACHATE ANALYSIS

Notes:

1. Nomenclature

VOL IN = volume distilled water added to soil surface
LEACHATE = volume of water removed from bottom
FE = total iron content of leachate
ZN = total zinc content of leachate
NI = total nickel content of leachate
CU = total copper content of leachate
PH = hydrogen ion concentration
HARD = total hardness in milligrams per liter as $CaCO_3$
D.O. = dissolved oxygen
PO_4 = phosphate ion
CL^- = chloride ion
NA = sodium ion
S. SOL = suspended solids
N FRE = free ammonia nitrogen
N AMO = organic nitrogen
COD = chemical oxygen demand
BOD = biological oxygen demand
RES. = total residue on evaporation
% VOL = % volatile portion of residue
ML = milliliters
MG/L = milligrams per liter

LYSIMETER LEACHATE ANALYSIS PAGE NO. 1

MO	DA	YR	DAY NO	VOL IN ML	LEACHATE ML	FE MG/L	ZN MG/L	NI MG/L	CU MG/L
1	3	9	463	65200.00	58000.00	690.00	167.00	0.18	0.04
1	13	9	473	65200.00	57000.00	660.00	141.00	0.18	0.05
1	20	9	480	65200.00	38300.00	660.00	16.00	0.02	0.0
1	27	9	487	64100.00	50000.00	630.00	28.00	0.07	0.0
2	4	9	495	62660.00	47250.00	290.00	31.00	0.11	0.03
2	10	9	501	62660.00	40000.00	580.00	26.00	0.08	0.0
2	19	9	510	62660.00	48000.00	680.00	25.00	0.07	0.0
2	24	9	515	63390.00	56000.00	780.00	25.00	0.09	0.0
3	4	9	523	65200.00	55000.00	780.00	22.00	0.09	0.03
3	10	9	530	65200.00	48000.00	600.00	80.00	0.19	0.02
3	19	9	539	65200.00	48000.00	250.00	6.00	0.15	0.0
3	24	9	544	65200.00	50000.00	250.00	39.00	0.10	0.0
3	31	9	551	37520.00	52230.00	340.00	18.00	0.0	0.0
4	7	9	558	32910.00	44280.00	396.00	9.00	0.0	0.0
4	14	9	565	32910.00	38990.00	480.00	15.00	0.0	0.0
4	21	9	571	32890.00	35900.00	840.00	1.20	0.19	9.90
4	29	9	579	16070.00	27600.00	1441.00	1.65	0.18	8.53
5	6	9	586	3440.00	16600.00	1397.00	2.25	0.16	5.77
5	12	9	592	3440.00	16600.00	1716.00	2.47	0.18	5.77
5	20	9	600	3440.00	13200.00	580.00	33.00	0.17	0.40
5	28	9	608	2950.00	13200.00	520.00	22.50	0.20	0.30
6	3	9	614	0.0	9500.00	580.00	17.50	0.12	0.60
6	9	9	620	0.0	4900.00	780.00	21.00	0.20	0.40
6	17	9	628	0.0	6500.00	1200.00	27.50	0.23	0.50
6	23	9	634	0.0	5900.00	700.00	19.00	0.20	0.20
6	30	9	641	0.0	5700.00	1000.00	27.50	0.17	0.78
7	7	9	647	0.0	4400.00	900.00	24.00	0.20	1.50
7	14	9	654	0.0	4200.00	940.00	25.50	0.20	0.50
7	21	9	661	0.0	4000.00	1060.00	24.00	0.29	0.20
7	28	9	668	2293.00	3800.00	140.00	30.00	0.29	0.50
8	4	9	675	5350.00	3500.00	950.00	16.00	0.07	0.10
8	11	9	682	5350.00	3300.00	1180.00	18.00	0.12	0.10
8	18	9	689	5350.00	2700.00	1100.00	18.00	0.07	0.10
8	25	9	696	5350.00	2600.00	1040.00	17.00	0.11	0.11
9	2	9	704	4160.00	2800.00	900.00	17.00	0.07	0.11
9	8	9	710	4160.00	2900.00	950.00	16.00	0.08	0.11
9	15	9	717	4160.00	3100.00	1040.00	14.00	1.00	0.17
9	23	9	725	4160.00	3200.00	1000.00	25.00	0.08	0.14
9	29	9	732	17043.00	3000.00	120.00	7.79	0.08	0.08

MO	DA	YR	DAY NO	ID	PH	HARD	C.O.	PO4	SO4	CL	NA
						MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
1	6	0	463	LAB 1	5.5	3500.0	0.0	0.0	180.0	300.0	730.0
1	13	0	473	LAB 1	5.5	3700.0	0.0	0.0	170.0	290.0	490.0
1	20	0	480	LAB 1	5.4	2800.0	0.0	0.0	200.0	290.0	310.0
1	27	0	487	LAB 1	5.5	1400.0	0.0	0.0	130.0	160.0	370.0
2	4	0	495	LAB 1	4.8	1100.0	0.0	0.0	180.0	240.0	420.0
2	10	0	501	LAB 1	5.5	1500.0	0.0	0.0	200.0	150.0	420.0
2	19	0	510	LAB 1	5.5	1600.0	0.0	0.0	150.0	220.0	410.0
2	24	0	515	LAB 1	5.7	1500.0	0.0	0.0	164.0	200.0	370.0
3	4	0	523	LAB 1	5.7	1500.0	0.0	0.0	160.0	170.0	390.0
3	10	0	530	LAB 1	5.2	2600.0	0.0	0.0	450.0	262.0	630.0
3	18	0	538	LAB 1	5.8	1400.0	0.0	0.0	60.0	144.0	330.0
3	24	0	544	LAB 1	5.8	1140.0	0.0	0.0	32.0	144.0	330.0
3	31	0	551	LAB 1	6.5	1700.0	0.0	0.0	130.0	144.0	330.0
4	7	0	558	LAB 1	5.2	800.0	0.0	1.5	227.0	154.0	370.0
4	14	0	565	LAB 1	5.4	950.0	0.0	8.5	175.0	159.0	390.0
4	21	0	571	LAB 1	5.4	750.0	0.0	15.0	122.0	154.0	460.0
4	29	0	579	LAB 1	5.5	1150.0	0.0	30.0	120.0	283.0	580.0
5	6	0	586	LAB 1	5.6	2200.0	0.0	21.0	260.0	235.0	680.0
5	12	0	592	LAB 1	5.6	2300.0	0.0	10.0	272.0	293.0	660.0
5	20	0	600	LAB 1	5.5	1700.0	0.0	11.0	120.0	286.0	630.0
5	28	0	608	LAB 1	5.5	1850.0	0.0	10.0	240.0	287.0	908.0
6	3	0	614	LAB 1	5.7	2350.0	0.0	11.0	260.0	280.0	741.0
6	9	0	620	LAB 1	5.7	2050.0	0.0	10.0	260.0	313.0	800.0
6	17	0	628	LAB 1	5.7	1750.0	0.0	0.0	440.0	405.0	900.0
6	23	0	634	LAB 1	5.7	2200.0	0.0	0.0	100.0	300.0	690.0
6	30	0	640	LAB 1	5.7	1900.0	0.0	0.0	282.0	335.0	740.0
7	7	0	647	LAB 1	5.7	1750.0	0.0	0.0	235.0	335.0	740.0
7	14	0	654	LAB 1	5.7	2350.0	0.0	0.0	444.0	370.0	800.0
7	21	0	661	LAB 1	5.6	2300.0	0.0	0.0	450.0	385.0	770.0
7	29	0	668	LAB 1	5.7	2150.0	0.0	0.0	320.0	340.0	740.0
8	4	0	675	LAB 1	5.8	1900.0	0.0	0.0	210.0	350.0	770.0
8	11	0	682	LAB 1	5.7	2350.0	0.0	0.0	240.0	395.0	800.0
8	18	0	689	LAB 1	5.4	2400.0	0.0	0.0	400.0	400.0	740.0
8	25	0	696	LAB 1	5.5	2300.0	0.0	0.0	240.0	390.0	740.0
9	2	0	704	LAB 1	5.7	2400.0	0.0	0.0	300.0	380.0	840.0
9	8	0	710	LAB 1	5.0	2150.0	0.0	0.0	330.0	400.0	710.0
9	15	0	717	LAB 1	0.0	0.0	0.0	0.0	340.0	390.0	660.0
9	23	0	725	LAB 1	0.0	0.0	0.0	0.0	400.0	0.0	660.0
9	29	0	732	LAB 1	5.2	0.0	0.0	0.0	0.0	373.0	0.0

LYSIMETER LEACHATE ANALYSIS PAGE NO. 3

MO	DA	YR	DAY NO	ID	S.SOL	N FRE	N AMO	COD	ALK	RES	%VOL
					MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	%
1	6	9	463	LAB 1	635.0	67.2	106.2	16815.0	1649.0	0.0	12.6
1	13	9	470	LAB 1	635.0	86.2	167.2	13280.0	0.0	9500.0	0.0
1	20	9	480	LAB 1	795.0	50.4	68.7	4177.0	0.0	5400.0	0.0
1	27	9	487	LAB 1	730.0	56.6	88.8	9080.0	0.0	6815.0	0.0
2	4	9	495	LAB 1	730.0	67.2	101.1	7033.0	0.0	8415.0	0.0
2	10	9	501	LAB 1	850.0	72.2	100.0	7604.0	0.0	7580.0	0.0
2	19	9	510	LAB 1	765.0	62.7	87.0	10282.0	0.0	7580.0	0.0
2	24	9	515	LAB 1	575.0	65.0	82.0	7925.0	0.0	8400.0	0.0
3	4	9	523	LAB 1	645.0	65.0	83.7	8968.0	0.0	6680.0	0.0
3	10	9	530	LAB 1	145.0	113.1	169.9	8885.0	300.0	14000.0	0.0
3	18	9	538	LAB 1	390.0	72.0	87.0	8625.0	5700.0	6650.0	0.0
3	24	9	544	LAB 1	720.0	58.2	67.1	9716.0	500.0	15600.0	8.7
3	31	9	551	LAB 1	1160.0	69.1	82.4	8808.0	600.0	6560.0	7.0
4	7	9	558	LAB 1	1150.0	78.0	116.0	11804.0	8500.0	7200.0	9.5
4	14	9	565	LAB 1	1160.0	62.2	89.5	10896.0	8500.0	6600.0	7.9
4	21	9	571	LAB 1	927.0	57.1	61.6	9000.0	500.0	8200.0	9.3
4	29	9	579	LAB 1	1320.0	78.0	116.0	23100.0	700.0	7300.0	0.0
5	6	9	586	LAB 1	1546.0	78.0	116.0	21900.0	500.0	11700.0	48.3
5	12	9	592	LAB 1	1000.0	80.0	116.0	22100.0	600.0	14150.0	49.8
5	20	9	600	LAB 1	700.0	81.2	116.2	23700.0	300.0	13210.0	50.3
5	23	9	603	LAB 1	520.0	81.2	135.8	18500.0	9700.0	12520.0	50.5
6	3	9	614	LAB 1	820.0	109.2	120.4	19700.0	700.0	12460.0	50.2
6	9	9	620	LAB 1	930.0	126.0	140.0	18700.0	600.0	14540.0	49.4
6	17	9	628	LAB 1	210.0	173.6	218.4	27100.0	700.0	13600.0	39.0
6	23	9	634	LAB 1	257.0	120.4	126.0	24730.0	500.0	18690.0	38.3
6	30	9	640	LAB 1	230.0	131.6	156.8	18934.0	300.0	16940.0	53.3
7	7	9	647	LAB 1	242.0	142.3	148.4	24730.0	700.0	19900.0	44.4
7	14	9	654	LAB 1	134.0	131.6	151.2	26573.0	900.0	20490.0	52.1
7	21	9	661	LAB 1	147.0	154.0	170.8	28416.0	1300.0	22760.0	52.0
7	28	9	668	LAB 1	1925.0	145.0	151.2	29440.0	1100.0	18500.0	55.8
8	4	9	675	LAB 1	1510.0	158.0	167.0	27050.0	1200.0	18190.0	52.3
8	11	9	682	LAB 1	1085.0	158.0	175.0	26537.0	1200.0	19550.0	52.2
8	18	9	689	LAB 1	1025.0	144.0	144.0	24832.0	700.0	18540.0	55.6
8	25	9	696	LAB 1	1875.0	147.0	164.0	25728.0	800.0	17543.0	53.4
9	2	9	704	LAB 1	1040.0	158.0	161.0	26880.0	1500.0	17456.0	51.6
9	8	9	710	LAB 1	1095.0	0.0	196.0	26490.0	1000.0	16736.0	50.9
9	15	9	717	LAB 1	465.0	188.0	199.0	28480.0	0.0	9840.0	45.8
9	23	9	725	LAB 1	695.0	144.0	134.0	30400.0	0.0	15345.0	52.4
9	29	9	732	LAB 1	0.0	176.4	207.2	28416.0	0.0	18800.0	45.0

SECTION 1-C2

CUMULATIVE GRAMS OF POLLUTANTS

Notes:

1. Nomenclature - same as Section 1-C1.
2. Results are cumulative grams of each pollutant since 12/30/68.

CUMULATIVE GRAMS OF POLLUTANTS

MO	DA	YR	DN	HARDNESS GRAMS	SODIUM GRAMS	IRON GRAMS	ZINC GRAMS	NICKEL GRAMS	COPPER GRAMS	LEACHATE LITERS
1	6	9	463	203.0	42.3	40.02	9.69	0.01	0.	58.000
1	13	9	473	413.9	79.3	77.64	17.72	0.02	0.	57.000
1	20	9	480	521.1	82.1	102.92	18.34	0.02	0.	38.300
1	27	9	487	591.1	100.6	134.42	19.74	0.02	0.	50.000
2	4	9	495	643.1	120.5	148.12	21.20	0.03	0.	47.250
2	10	9	501	703.1	137.3	171.32	22.24	0.03	0.	40.000
2	19	9	510	779.9	157.0	203.96	23.44	0.04	0.	48.000
2	24	9	515	863.9	177.7	247.64	24.84	0.04	0.	56.000
3	4	9	523	946.4	199.1	290.54	26.05	0.05	0.	55.300
3	10	9	530	1071.2	229.4	319.34	29.89	0.06	0.	48.000
3	18	9	538	1138.4	245.2	331.34	30.18	0.06	0.	48.640
3	24	9	544	1195.4	261.7	343.84	32.12	0.07	0.	50.000
3	31	9	551	1284.2	279.0	361.60	33.07	0.07	0.	52.230
4	7	9	558	1319.6	295.3	373.13	33.47	0.07	0.	44.230
4	14	9	565	1356.7	313.5	397.85	34.05	0.07	0.	38.490
4	21	9	571	1383.6	323.5	424.00	34.10	0.07	0.4	35.000
4	29	9	579	1415.3	339.5	467.78	34.14	0.08	0.6	27.600
5	6	9	586	1451.9	350.3	490.57	34.18	0.08	0.7	16.600
5	12	9	592	1490.0	361.7	513.45	34.22	0.09	0.8	16.600
5	20	9	600	1512.5	370.0	527.11	34.65	0.09	0.8	13.200
5	28	9	608	1536.9	382.0	533.97	34.95	0.09	0.8	13.230
6	3	9	614	1559.2	389.1	538.48	35.12	0.09	0.8	9.530
6	9	9	620	1569.3	393.0	543.30	35.22	0.09	0.8	4.000
6	17	9	628	1580.6	398.2	551.10	35.40	0.09	0.8	5.500
6	23	9	634	1593.6	402.2	555.23	35.51	0.10	0.8	5.300
6	30	9	641	1604.4	406.4	560.93	35.67	0.10	0.8	5.700
7	7	9	647	1612.1	409.7	564.85	35.77	0.10	0.8	4.400
7	14	9	654	1622.0	413.6	568.84	35.88	0.10	0.8	4.200
7	21	9	661	1631.2	416.1	572.08	35.98	0.10	0.8	4.000
7	28	9	668	1634.4	418.0	573.61	36.00	0.10	0.8	3.300
8	4	9	675	1646.2	421.7	577.03	36.15	0.10	0.8	3.600
8	11	9	682	1654.0	424.3	580.02	36.21	0.10	0.8	3.300
8	18	9	689	1660.5	426.3	583.39	36.26	0.11	0.8	2.700
8	25	9	696	1666.4	428.2	585.60	36.31	0.10	0.8	2.400
9	2	9	704	1673.2	430.6	588.12	36.35	0.11	0.8	2.850
9	8	9	710	1673.4	432.7	591.67	36.35	0.11	0.8	2.400
9	15	9	717	1673.4	434.7	595.10	36.44	0.11	0.8	3.150
9	23	9	725	1674.4	436.8	598.30	36.52	0.11	0.8	3.270
9	29	9	732	1674.4	436.8	598.46	36.54	0.11	0.	3.

CUMULATIVE GRAMS OF POLLUTANTS

MO	DA	YR	DN	PHOSPHATE GRAMS	SULFATE GRAMS	CHLORIDE GRAMS	SUS.SOL GRAMS	N FREE GRAMS	N AMON GRAMS	COD GRAMS
1	6	9	463	0.0	10.4	17.4	36.8	3.9	6.2	975.3
1	13	9	473	0.0	20.1	33.9	73.0	8.8	15.7	1732.2
1	20	9	480	0.0	27.8	45.7	103.5	10.7	19.3	1892.2
1	27	9	487	0.0	36.8	53.0	140.0	13.4	22.8	2346.2
2	4	9	495	0.0	45.3	64.4	174.5	16.7	27.5	2678.5
2	10	9	501	0.0	53.3	70.4	208.5	19.6	31.5	2982.7
2	19	9	510	0.0	60.5	80.9	245.2	22.4	35.7	3476.2
2	24	9	515	0.0	69.7	92.1	277.4	25.3	40.3	3920.1
3	4	9	523	0.0	78.5	101.5	312.5	28.9	44.9	4413.3
3	10	9	530	0.0	100.1	114.1	319.8	35.3	53.1	4839.7
3	18	9	538	0.0	103.0	121.0	338.5	38.7	57.2	5253.7
3	24	9	544	0.0	104.6	128.2	374.5	41.7	60.6	5739.5
3	31	9	551	0.0	111.3	135.7	435.1	45.2	64.9	6133.5
4	7	9	558	0.1	121.4	142.5	496.0	49.7	70.0	6722.2
4	14	9	565	0.4	128.2	148.7	531.3	51.1	73.5	7147.1
4	21	9	571	0.9	132.6	154.2	564.6	53.2	75.7	7470.2
4	29	9	579	1.8	135.3	162.1	601.0	55.3	78.9	8107.7
5	6	9	586	2.1	140.2	166.0	626.7	58.4	80.9	8471.3
5	12	9	592	2.3	144.7	170.3	643.3	59.0	82.9	8838.1
5	20	9	600	2.4	146.3	174.6	652.5	59.7	84.3	9151.0
5	28	9	608	2.6	149.5	178.4	658.4	60.1	86.1	9395.2
6	3	9	614	2.7	152.0	181.0	667.1	61.1	87.3	9582.3
6	9	9	620	2.7	153.2	182.6	671.7	61.8	87.6	9673.0
6	17	9	628	2.7	154.1	185.2	673.1	62.5	88.4	9850.1
6	23	9	634	2.7	156.7	187.0	674.6	63.4	90.1	9996.0
6	30	9	641	2.7	158.3	188.0	675.0	64.4	91.0	10104.0
7	7	9	647	2.7	159.3	190.4	677.0	65.0	91.7	10212.7
7	14	9	654	2.7	161.2	191.0	677.5	65.5	92.3	10324.3
7	21	9	661	2.7	163.0	193.5	678.1	66.2	93.0	10448.0
7	28	9	668	2.7	164.2	194.7	685.4	66.7	93.5	10564.0
8	4	9	675	2.7	165.3	196.0	690.9	67.3	94.1	10647.7
8	11	9	682	2.7	165.8	197.3	694.4	67.8	94.7	10744.0
8	18	9	689	2.7	166.3	198.4	697.2	68.2	95.1	10801.0
8	25	9	696	2.7	167.5	199.4	702.1	68.4	95.5	10868.0
9	2	9	704	2.7	168.4	200.5	705.0	68.7	95.9	10943.0
9	8	9	710	2.7	169.3	201.6	706.2	68.9	96.5	11020.0
9	15	9	717	2.7	170.4	202.3	709.6	69.4	97.2	11109.1
9	23	9	725	2.7	171.6	203.4	711.8	70.0	97.6	11206.4
9	29	9	732	2.7	171.6	204.3	711.8	70.4	98.2	11291.4

SECTION 1-C3

MASS FLOW RATE OF POLLUTANTS

Notes:

1. Nomenclature - same as Section 1-C1.
2. Results in milligrams and not grams as indicated in the column headings.

MASS FLOW RATE

GRAMS PER WEEK

MO	DA	YR	DN	HARDNESS GRAMS	SODIUM GRAMS	IRON GRAMS	ZINC GRAMS	NICKEL GRAMS	COPPER GRAMS	LEACHATE LITERS
1	6	9	463	203000.0	42340.0	40320.00	******	10.44	2.3	58.000
1	13	9	473	210900.0	27930.0	37620.00	******	10.26	2.3	57.000
1	20	9	480	107239.9	11873.0	25277.99	612.80	0.77	0.0	38.300
1	27	9	487	70000.0	18500.0	31500.00	******	3.50	0.0	50.000
2	4	9	495	51975.0	19845.0	13702.50	******	5.20	1.4	47.250
2	10	9	501	60000.0	16800.0	23200.00	******	3.20	0.3	40.000
2	19	9	510	76800.0	19680.0	32640.00	******	3.36	0.0	48.000
2	24	9	515	84000.0	20720.0	43680.00	******	5.04	0.0	56.000
3	4	9	523	82500.0	21450.0	42900.00	******	4.95	1.6	55.000
3	10	9	530	124800.0	30240.0	28800.00	******	9.12	1.0	48.000
3	18	9	538	67200.0	15840.0	12000.00	282.50	7.20	0.0	48.000
3	24	9	544	57000.0	16500.0	12500.00	******	5.00	0.0	50.000
3	31	9	551	88790.9	17235.9	17758.20	940.14	0.0	0.0	52.230
4	7	9	558	35424.0	14383.6	17534.88	398.52	0.0	0.0	44.280
4	14	9	565	37041.5	15206.1	13715.20	584.85	0.0	0.0	33.990
4	21	9	571	25925.0	12924.0	30155.00	43.08	6.82	355.4	35.910
4	29	9	579	31740.0	16008.0	39771.50	45.54	4.97	235.4	27.600
5	6	9	586	36520.0	11283.0	23190.18	37.35	2.66	95.8	16.600
5	12	9	592	38180.0	10956.0	28485.58	41.20	2.99	95.8	16.600
5	20	9	600	22440.0	8316.0	7656.00	435.60	2.24	5.3	13.200
5	28	9	608	24420.0	11385.6	6864.00	297.00	2.64	4.0	13.200
6	3	9	614	22325.0	7033.5	5510.00	165.25	1.14	5.7	9.500
6	9	9	620	10045.0	3920.0	3822.00	102.90	0.98	2.0	4.200
6	17	9	628	11375.0	5200.0	7800.00	178.75	1.40	3.3	6.500
6	23	9	634	12980.0	4012.0	4130.00	112.10	1.16	1.2	5.900
6	30	9	640	10830.0	4218.0	5700.00	156.75	0.97	4.9	5.700
7	7	9	647	7700.0	3256.0	3960.00	105.60	0.88	5.0	4.400
7	14	9	654	9870.0	3360.0	3948.00	107.10	0.84	2.1	4.230
7	21	9	661	9200.0	3080.0	4240.00	96.00	1.16	2.3	4.000
7	28	9	668	8170.0	2812.0	532.00	114.00	1.10	1.9	3.800
8	4	9	675	6840.0	2772.0	3420.00	57.60	0.99	2.1	3.600
8	11	9	682	7755.0	2640.0	3404.00	59.40	3.42	0.3	3.300
8	18	9	689	5480.0	1998.0	2970.00	49.50	0.19	0.3	2.700
8	25	9	696	5980.0	1924.0	2794.00	44.20	0.28	0.3	2.600
9	2	9	704	6720.0	2352.0	2520.00	47.40	0.25	0.3	2.520
9	8	9	710	6235.0	2059.0	2755.00	46.40	0.23	0.3	2.000
9	15	9	717	0.0	2046.0	3224.00	43.40	3.10	0.5	4.130
9	23	9	725	0.0	2112.0	3200.00	80.00	1.28	0.4	3.200
9	29	9	732	0.0	0.0	360.00	23.37	0.24	0.2	3.000

MASS FLOW RATE

GRAMS PER WEEK

MO	DA	YR	DN	PHOSPHATE GRAMS	SULFATE GRAMS	CHLORIDE GRAMS	SUS.SOL GRAMS	N FREE GRAMS	N AMON GRAMS	COD GRAMS
1	6	9	463	0.0	10440.0	17400.0	36830.0	3397.6	8159.6	375270.0
1	13	9	473	0.0	9690.0	16530.0	34195.0	4213.4	9536.4	756960.0
1	20	9	480	0.0	7660.0	11107.0	30448.5	1936.3	2631.2	159979.0
1	27	9	487	0.0	9000.0	8000.0	36500.0	2330.0	4440.0	454000.0
2	4	9	495	0.0	8505.0	11340.0	34492.5	3175.2	4777.0	332309.2
2	10	9	501	0.0	8000.0	6000.0	44000.0	2288.0	4000.0	304160.0
2	19	9	510	0.0	7200.0	10560.0	46720.0	3009.6	4176.0	493536.0
2	24	9	515	0.0	9184.0	11200.0	32200.0	3640.0	4592.0	443800.0
3	4	9	523	0.0	8800.0	9350.0	35475.0	3575.0	4603.5	493240.0
3	10	9	530	0.0	21600.0	12576.0	6960.0	5428.8	8155.2	426480.0
3	18	9	538	0.0	2880.0	6912.0	18720.0	3456.0	4176.0	414000.0
3	24	9	544	0.0	1600.0	7200.0	36000.0	2912.0	3355.0	485900.0
3	31	9	551	0.0	6789.9	7521.1	60596.8	3609.1	4803.8	440041.8
4	7	9	558	66.4	10551.6	4819.1	50922.0	3433.8	5134.5	522681.1
4	14	9	565	331.4	6823.2	6199.4	45223.4	2635.2	3453.6	424834.8
4	21	9	571	533.5	4379.3	5528.6	33279.3	2760.9	3211.4	333099.9
4	29	9	579	828.0	3312.0	7810.8	36432.0	2152.8	3201.6	637559.8
5	6	9	586	348.6	4316.0	3901.0	25963.6	1294.0	1925.0	363529.8
5	12	9	592	166.0	4515.2	4863.8	16630.0	1328.0	1925.6	266856.8
5	20	9	600	145.2	1584.0	3775.2	22440.0	1071.8	1533.6	312336.0
5	28	9	608	132.0	3168.0	3785.4	6864.0	1071.8	1792.6	244198.0
6	3	9	614	104.5	2470.0	2660.0	7700.0	1047.4	1143.8	187150.0
6	9	9	620	49.0	1274.0	1583.7	4557.0	617.4	686.0	91629.0
6	17	9	628	0.0	2860.0	2632.5	1365.0	1128.4	1419.6	178815.0
6	23	9	634	0.0	590.0	1770.0	1516.3	71.4	744.4	149968.4
6	30	9	640	0.0	1607.4	1926.5	1311.0	750.1	943.8	177925.8
7	7	9	647	0.0	1034.0	1476.0	1064.8	424.3	653.0	108411.0
7	14	9	654	0.0	1964.3	1554.0	562.8	552.7	835.3	111636.4
7	21	9	661	0.0	1800.0	1940.0	580.0	616.0	833.2	113668.0
7	28	9	668	0.0	1216.0	1232.0	7215.0	551.1	574.0	111371.0
8	4	9	675	0.0	756.0	1260.0	5434.0	564.8	601.2	93276.0
8	11	9	682	0.0	792.0	1303.5	3580.5	521.4	577.5	87572.1
8	18	9	689	0.0	1080.0	1485.0	2767.5	388.8	594.0	67644.6
8	25	9	696	0.0	676.0	1014.0	4875.0	382.2	624.4	66092.4
9	2	9	704	0.0	840.0	1344.0	2912.0	442.4	651.3	75243.4
9	8	9	710	0.0	957.0	1148.4	2175.5	0.0	593.4	78820.8
9	15	9	717	0.0	1056.0	1200.0	1441.5	580.8	614.9	83237.9
9	23	9	725	0.0	1280.0	0.0	2224.0	486.9	628.8	97270.4
9	29	9	732	0.0	0.0	1116.0	0.0	529.2	621.6	85248.0

SECTION II

FIELD EXPERIMENTAL FACILITY

Note: Figure 2 - shows plot plan of the field facility area indicating all instrumentation.

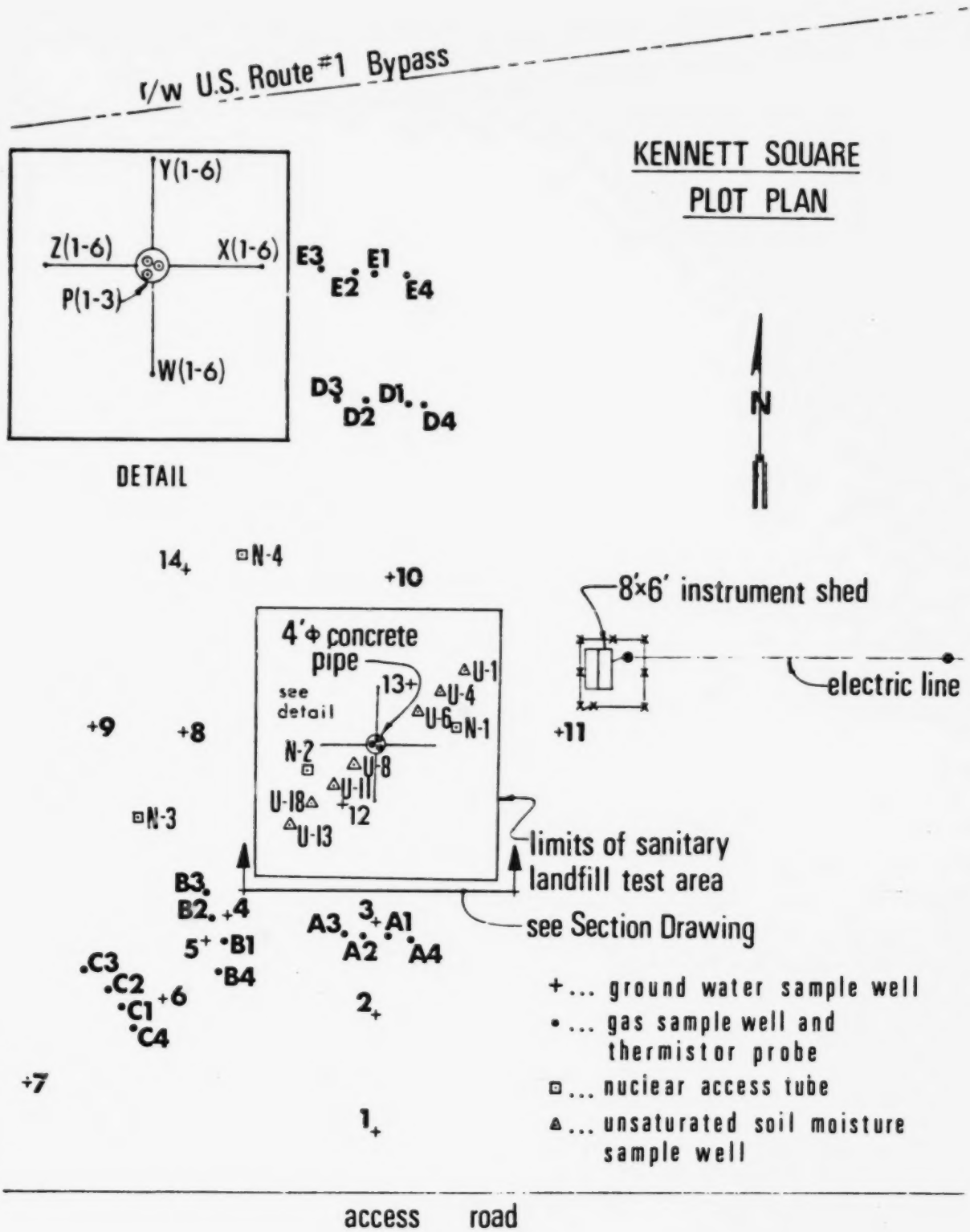

r/w U.S. Route #1 Bypass
KENNETT SQUARE
PLOT PLAN
Y(1-6)
Z(1-6)
X(1-6)
P(1-3)
W(1-6)
E3
E1
E2
E4
D3
D1
D2
D4
DETAIL
N
14
N-4
+10
8'×6' instrument shed
4'Φ concrete pipe
see detail
13+
U-1
U-4
U-6
N-1
N-2
U-8
U-11
12
U-18
U-13
+9
+8
+11
electric line
N-3
limits of sanitary landfill test area
see Section Drawing
B3
B2
4
3
A3
A1
A2
A4
5
B1
B4
C3
C2
C1
C4
6
2
+7
1
+... ground water sample well
•... gas sample well and thermistor probe
▫... nuciear access tube
▵... unsaturated soil moisture sample well
access road

Fig. 2

SECTION 2-A

FIELD LANDFILL TEMPERATURES

Notes:

1. Nomenclature

   MO = month
   DA = day of the month
   DAY NO = day of the year
   YR = year 196-

2. T1 through T50 = temperature locations as listed in Table 1.

3. Temperatures are in degrees Fahrenheit.

TABLE 1

FIELD TEMPERATURE LOCATIONS*

T1 - From 9/10/68 Groundwater Temp.	T26 N-12
2 - outside atmosphere	27 P-14
3 - west - 2 feet	28 P-18
4 - south - 2 feet	29 P-23
5 - east - 2 feet	30 A-4
6 - north - 2 feet	31 A-8
7 - west - 4 feet	32 A-13
8 - south - 4 feet	33 B-18
9 - east - 4 feet	34 B-4
10 - north - 4 feet	35 B-8
11 - west - 6 feet	36 B-13
12 - south - 6 feet	37 C-18
13 - east - 6 feet	38 C-4
14 - north - 6 feet	39 C-8
15 - west - 8 feet	40 C-13
16 - south - 8 feet	41 D-18
17 - east - 8 feet	42 D-4
18 - north - 8 feet	43 D-8
19 - west - 10 feet	44 D-13
20 - south - 10 feet	45 E-18
21 - east - 10 feet	46 E-4
22 - north - 10 feet	47 E-8
23 - west - 12 feet	48 E-13
24 - south - 12 feet	49 E-18
25 - east - 12 feet	50 Ground Temp 6" below surface

* Refers to Figure 2.

FIELD TEMPERATURE DATA

DEGREES FAHRENHEIT

MO	DA	YR	DAY	NO	T1	T2	T3	T4	T5	T6
1	1	0	1	1	53.5	14.1	35.4	35.3	35.4	36.2
1	2	0	2	1	53.5	17.2	35.4	35.2	35.4	36.3
1	3	0	3	1	53.5	15.7	35.2	35.0	35.2	36.0
1	4	0	4	1	53.4	23.8	35.1	34.9	35.0	35.9
1	5	0	5	1	53.6	13.0	35.0	34.8	34.9	35.8
1	6	0	6	1	53.6	29.2	35.0	34.8	34.8	35.6
1	7	0	7	1	53.6	25.4	34.8	34.5	34.6	35.4
1	8	0	8	1	53.6	25.9	34.7	34.5	34.6	35.2
1	9	0	9	1	53.5	34.9	34.8	34.4	34.4	35.2
1	10	0	10	1	53.6	22.1	34.6	34.3	34.4	35.1
1	11	0	11	1	53.6	26.4	34.5	34.3	34.4	35.0
1	12	0	12	1	53.6	24.6	34.5	34.2	34.3	35.0
1	13	0	13	1	53.5	35.1	34.6	34.1	34.2	34.9
1	14	0	14	1	53.7	24.6	34.4	34.0	34.2	34.8
1	15	0	15	1	53.7	23.5	34.4	33.9	34.1	34.6
1	16	0	16	1	53.7	24.6	34.3	33.9	34.1	34.6
1	17	0	17	1	53.7	37.2	34.3	33.8	34.0	34.5
1	18	0	18	1	53.7	28.1	34.3	33.7	34.0	34.4
1	19	0	19	1	53.7	43.3	34.3	33.7	34.0	34.4
1	20	0	20	1	53.7	27.9	34.2	33.7	33.9	34.4
1	21	0	21	1	53.7	37.2	34.2	33.7	33.9	34.4
1	22	0	22	1	53.7	46.8	34.2	33.7	33.8	34.4
1	23	0	23	1	53.7	44.8	34.2	33.7	33.8	34.4
1	24	0	24	1	53.7	44.0	34.2	33.7	33.8	34.4
1	25	0	25	1	53.7	27.7	34.2	33.7	33.7	34.3
1	26	0	26	1	53.8	31.5	34.2	33.7	33.7	34.3
1	27	0	27	1	53.8	25.7	34.2	33.7	33.7	34.4
1	28	0	28	1	53.8	31.6	34.2	33.7	33.7	34.4
1	29	0	29	1	53.7	39.6	34.2	33.6	33.7	34.3
1	30	0	30	1	53.7	27.4	34.2	33.6	33.6	34.3
1	31	0	31	1	53.8	47.2	34.1	33.6	33.6	34.3
2	1	0	32	1	53.8	34.4	34.0	33.7	33.6	34.3
2	2	0	33	1	53.8	36.3	34.0	33.6	33.5	34.3
2	3	0	34	1	53.8	33.4	34.0	33.6	33.5	34.3
2	4	0	35	1	53.8	27.4	33.9	33.6	33.5	34.3
2	5	0	36	1	53.8	31.8	33.9	33.6	33.5	34.3
2	6	0	37	1	53.8	34.0	33.9	33.6	33.5	34.3
2	7	0	38	1	53.8	41.5	33.9	33.6	33.5	34.3
2	8	0	39	1	53.8	32.3	33.9	33.6	33.5	34.3
2	9	0	40	1	53.8	42.1	33.8	33.6	33.4	34.3
2	10	0	41	1	53.8	34.6	33.7	33.6	33.5	34.1
2	11	0	42	1	53.8	35.5	33.9	33.6	33.5	34.2
2	12	0	43	1	53.8	37.1	33.8	33.7	33.6	34.2
2	13	0	44	1	53.8	38.8	33.8	33.6	33.5	34.2
2	14	0	45	1	53.8	13.4	33.7	33.5	33.4	34.1
2	15	0	46	1	53.8	14.0	33.7	33.6	33.4	34.2
2	16	0	47	1	53.8	25.4	33.7	33.6	33.5	34.2
2	17	0	48	1	53.8	28.1	33.7	33.6	33.5	34.1
2	18	0	49	1	53.8	34.7	33.7	33.6	33.6	34.1
2	19	0	50	1	53.8	32.5	33.7	33.6	33.5	34.1
2	20	0	51	1	53.8	30.7	33.6	33.6	33.5	34.0
2	21	0	52	1	53.8	32.8	33.7	33.6	33.4	34.0
2	22	0	53	1	53.8	32.2	33.6	33.6	33.4	34.0
2	23	0	54	1	53.8	32.8	33.6	33.6	33.4	34.0

FIELD TEMPERATURE DATA

DEGREES FAHRENHEIT

MO	DA	YR	DAY	NO		T1	T2	T3	T4	T5	T6
2	24	0	55	1	53.5	32.3	33.6	33.4	33.4	34.0	
2	25	0	56	1	53.5	37.4	33.7	33.4	33.4	34.0	
2	26	0	57	1	53.5	35.7	33.7	33.5	33.4	34.0	
2	27	0	58	1	53.5	34.7	33.7	33.5	33.4	34.0	
2	28	0	59	1	53.5	37.4	33.7	33.4	33.4	34.0	
3	1	0	60	1	53.5	31.7	33.6	33.4	33.4	33.9	
3	2	0	61	1	53.5	36.6	33.6	33.4	33.3	33.9	
3	3	0	62	1	53.5	40.5	33.7	33.4	33.3	33.9	
3	4	0	63	1	53.5	35.6	33.6	33.4	33.3	33.9	
3	5	0	64	1	53.5	34.0	33.5	33.4	33.3	33.9	
3	6	0	65	1	53.5	41.2	33.6	33.4	33.2	33.9	
3	7	0	66	1	53.5	37.0	33.6	33.4	33.3	33.9	
3	8	0	67	1	53.5	41.7	33.6	33.4	33.3	33.9	
3	9	0	68	1	53.5	34.1	33.6	33.4	33.3	33.9	
3	10	0	69	1	53.5	37.6	33.6	33.4	33.2	33.9	
3	11	0	70	1	53.5	40.7	33.5	33.4	33.3	33.8	
3	12	0	71	1	53.5	39.0	33.5	33.4	33.2	33.8	
3	13	0	72	1	53.5	34.1	33.4	33.4	33.2	33.8	
3	14	0	73	1	53.5	41.2	33.5	33.4	33.2	33.8	
3	15	0	74	1	53.5	34.1	33.4	33.4	33.3	33.8	
3	16	0	75	1	53.5	43.6	34.0	33.4	33.2	33.7	
3	17	0	76	1	53.5	34.7	33.6	33.4	33.2	33.7	
3	18	0	77	1	53.5	45.7	34.1	33.4	33.2	33.8	
3	19	0	78	1	53.5	43.2	34.0	33.4	33.2	33.7	
3	20	0	79	1	53.5	41.1	33.8	33.4	33.4	33.8	
3	21	0	80	1	53.5	42.3	33.8	33.4	33.3	33.8	
3	22	0	81	1	53.5	42.5	33.7	33.4	33.3	33.9	
3	23	0	82	1	53.5	41.0	33.5	33.4	33.4	34.0	
3	24	0	83	1	53.5	45.2	34.1	33.4	33.4	34.2	
3	25	0	84	1	53.5	45.0	34.5	33.5	33.4	34.3	
3	26	0	85	1	53.5	42.2	34.3	33.7	33.7	34.3	
3	27	0	86	1	53.5	34.4	34.4	33.1	33.1	34.5	
3	28	0	87	1	53.5	32.1	34.	34.4	34.2	34.5	
3	29	0	88	1	53.1	37.0	34.2	34.5	34.2	34.1	
3	30	0	89	1	53.5	34.2	33.7	33.5	33.2	34.1	
3	31	0	90	1	53.5	38.3	34.6	34.5	34.5	34.6	
4	1	0	91	1	53.5	36.6	34.4	34.4	34.4	34.6	
4	2	0	92	1	53.5	41.5	34.6	34.1	34.1	34.6	
4	3	0	93	1	53.5	45.1	34.7	34.5	34.5	34.7	
4	4	0	94	1	53.5	43.8	45.4	44.5	44.7	45.4	
4	5	0	95	1	53.5	39.7	43.8	43.5	43.2	42.5	
4	6	0	96	1	53.5	45.3	43.4	44.2	43.7	44.1	
4	7	0	97	1	53.5	46.9	44.2	44.5	44.5	43.5	
4	8	0	98	1	53.5	41.4	45.	45.3	45.3	44.6	
4	9	0	99	1	53.5	42.2	46.2	46.5	46.6	45.5	
4	10	0	100	1	53.5	40.3	45.9	47.0	47.2	46.4	
4	11	0	101	1	53.5	47.4	47.4	47.	47.5	46.9	
4	12	0	102	1	53.5	44.4	47.4	47.1	47.7	47.0	
4	13	0	103	1	53.5	46.0	47.7	47.4	47.	47.3	
4	14	0	104	1	53.5	48.4	48.3	48.2	48.7	47.9	
4	15	0	105	1	53.5	47.0	48.4	47.4	48.4	48.0	
4	16	0	106	1	51.4	49.5	50.6	51.5	51.2	49.3	
4	21	0	111	1	54.1	50.4	49.5	53.	49.7	51.5	

FIELD TEMPERATURE DATA

DEGREES FAHRENHEIT

MO	DA	YR	DAY	MI		T1	T2	T3	T4	T5	T6
4	22	0	112		1	53.4	50.3	52.5	52.9	52.6	51.9
4	23	0	113		1	53.5	50.1	52.2	52.6	52.2	51.8
4	24	0	114		1	53.5	46.1	51.7	51.9	51.6	51.3
4	25	0	115		1	53.6	52.3	51.7	51.2	50.8	50.7
4	26	0	116		1	53.4	53.1	50.4	50.6	50.2	50.1
4	28	0	118		1	53.4	50.1	51.1	51.9	51.4	50.5
4	29	0	119		1	53.3	50.8	52.2	53.3	52.8	51.6
4	30	0	120		1	53.4	47.3	53.3	54.5	53.9	52.7
5	1	0	121		1	53.4	50.1	53.7	54.6	54.1	53.2
5	2	0	122		1	53.4	55.4	53.5	54.4	53.9	53.2
5	3	0	123		1	53.3	51.7	53.7	54.6	54.1	53.2
5	4	0	124		1	53.3	56.6	55.2	57.1	56.6	55.5
5	5	0	125		1	53.2	75.4	56.5	57.7	57.3	57.3
5	6	0	126		1	53.2	61.2	56.9	58.2	57.7	57.6
5	10	0	130		1	53.3	51.4	57.4	58.4	58.3	58.2
5	12	0	132		1	53.3	51.7	57.1	57.8	57.5	57.5
5	13	0	133		1	53.3	50.9	56.4	57.6	56.7	56.7
5	23	0	143		1	53.3	59.4	51.5	52.4	52.3	51.2
5	24	0	144		1	53.2	50.1	51.4	52.2	52.2	51.3
5	26	0	146		1	53.2	50.1	51.5	52.4	52.2	51.0
5	27	0	147		1	53.2	47.4	52.1	52.9	52.6	51.4
5	28	0	148		1	53.3	54.2	51.9	52.4	52.1	51.4
5	30	0	150		1	53.3	50.2	51.9	52.8	52.7	51.5
5	31	0	151		1	53.4	50.4	54.4	55.7	55.1	54.1
6	2	0	153		1	53.2	73.1	56.5	57.2	56.8	55.9
6	3	0	154		1	53.3	55.3	57.1	58.4	57.9	56.8
6	4	0	155		1	53.3	51.8	57.2	58.0	57.8	57.4
6	5	0	156		1	53.3	56.3	57.2	57.9	57.3	56.6
6	7	0	158		1	53.3	55.7	56.7	57.3	57.1	56.2
6	8	0	159		1	53.3	53.7	56.7	57.4	57.1	56.4
6	10	0	161		1	53.3	75.1	57.5	58.1	57.8	57.2
6	11	0	162		1	53.3	74.3	57.5	58.1	57.9	56.9
6	12	0	163		1	53.3	71.8	57.3	58.3	58.1	57.2
6	14	0	165		1	53.3	77.1	58.2	59.2	58.5	58.3
6	15	0	166		1	53.3	69.1	72.1	71.3	71.1	70.1
6	17	0	168		1	53.3	77.3	72.3	71.5	71.2	70.4
6	18	0	169		1	53.3	82.7	72.3	71.4	71.2	70.4
6	19	0	170		1	53.2	79.3	72.3	71.1	71.0	70.3
6	21	0	172		1	53.2	84.8	72.3	71.3	71.1	69.9
6	22	0	173		1	53.2	75.4	72.4	71.3	72.8	69.9
6	23	0	174		1	53.2	74.8	72.5	71.3	71.0	70.1
6	24	0	175		1	53.2	74.3	72.5	71.4	71.0	70.1
6	25	0	176		1	53.2	71.4	72.5	71.4	71.2	70.1
6	26	0	177		1	53.1	67.1	72.1	71.4	71.4	70.3
6	27	0	178		1	53.1	64.8	72.7	71.1	71.0	70.2
6	28	0	179		1	53.2	64.1	71.9	71.5	71.4	70.5
6	29	0	180		1	53.2	67.1	72.0	72.1	72.5	71.1
6	30	0	181		1	53.1	60.1	72.3	73.7	73.4	71.7
7	1	0	182		1	53.1	74.9	73.4	74.1	73.8	72.5
7	2	0	183		1	53.1	64.3	73.9	74.5	74.3	73.1
7	3	0	184		1	53.1	63.8	73.8	74.4	74.1	73.2

FIELD TEMPERATURE DATA

DEGREES FAHRENHEIT

MO	DA	YR	DAY NO		T1	T2	T3	T4	T5	T6
7	4	0	185	1	53.1	70.7	74.0	74.5	74.2	73.6
7	5	0	186	1	53.1	72.4	74.2	74.7	74.4	73.8
7	6	0	187	1	53.1	67.6	74.6	75.0	74.7	74.2
7	7	0	188	1	53.1	61.2	74.8	75.3	75.0	74.5
7	8	0	189	1	53.0	61.3	74.6	74.8	74.7	74.5
7	9	0	190	1	53.1	65.1	73.7	73.6	73.4	73.5
7	10	0	191	1	53.1	64.9	72.8	72.8	72.8	72.8
7	11	0	192	1	53.0	68.2	72.4	72.4	72.5	72.3
7	12	0	193	1	53.0	74.1	72.5	72.6	72.7	71.9
7	13	0	194	1	53.0	76.1	72.6	72.7	72.8	72.2
7	14	0	195	1	53.0	77.0	72.7	72.8	73.0	72.1
7	15	0	196	1	53.0	76.3	72.9	73.1	73.3	72.2
7	16	0	197	1	53.0	70.5	73.3	73.8	73.8	72.5
7	17	0	198	1	53.1	61.1	73.8	74.4	74.3	72.9
7	18	0	199	1	53.1	72.3	70.9	71.2	71.4	71.0
7	19	0	200	1	53.2	75.9	71.1	71.6	71.7	71.1
7	20	0	201	1	53.2	67.2	68.1	67.3	67.4	68.0

FIELD TEMPERATURE DATA

DEGREES FAHRENHEIT

MO	DA	YR	DAY	NO	T7	T8	T9	T10	T11	T12	T13
1	1	5	1	1	46.6	45.6	46.5	49.3	54.1	54.1	55.8
1	2	5	2	1	46.5	46.4	46.8	48.2	54.0	54.0	55.6
1	3	5	3	1	46.2	46.1	46.5	47.8	53.7	53.7	55.4
1	4	5	4	1	46.0	46.0	46.3	47.8	53.5	53.5	55.2
1	5	5	5	1	45.9	45.5	46.2	47.6	53.4	53.4	55.1
1	6	5	6	1	45.7	45.6	45.9	47.4	53.2	53.2	54.8
1	7	5	7	1	45.5	45.5	45.8	47.3	53.0	53.0	54.6
1	8	5	8	1	45.3	45.3	45.6	47.1	52.8	52.8	54.4
1	9	5	9	1	45.2	45.1	45.4	47.0	52.6	52.6	54.2
1	10	5	10	1	45.1	44.9	45.2	46.7	52.5	52.5	54.0
1	11	5	11	1	44.9	44.8	45.1	46.5	52.3	52.3	53.9
1	12	5	12	1	44.8	44.6	44.9	46.3	52.1	52.1	53.7
1	13	5	13	1	44.7	44.5	44.8	46.2	52.0	52.0	53.5
1	14	5	14	1	44.6	44.4	44.7	46.1	51.9	51.9	53.4
1	15	5	15	1	44.4	44.2	44.5	45.9	51.7	51.8	53.2
1	16	5	16	1	44.4	44.1	44.4	45.8	51.6	51.6	53.1
1	17	5	17	1	44.2	43.9	44.2	45.6	51.4	51.4	52.9
1	18	5	18	1	44.1	43.8	44.1	45.4	51.3	51.2	52.8
1	19	5	19	1	44.0	43.7	44.1	45.3	51.2	51.2	52.7
1	20	5	20	1	43.7	43.5	43.8	45.1	51.0	50.9	42.4
1	21	5	21	1	43.6	43.4	43.7	45.0	50.8	50.8	52.4
1	22	5	22	1	43.5	43.3	43.6	44.8	50.7	50.6	52.3
1	23	5	23	1	43.4	43.1	43.5	44.7	50.6	50.5	52.1
1	24	5	24	1	43.3	43.	43.4	44.6	50.4	50.4	51.9
1	25	5	25	1	43.2	42.9	43.1	44.5	50.3	50.2	51.7
1	26	5	26	1	43.1	42.8	43.1	44.4	50.2	50.1	51.6
1	27	5	27	1	43.	42.7	43.0	44.3	50.0	50.	51.4
1	28	5	28	1	42.9	42.7	43.0	44.1	49.9	49.9	51.3
1	29	5	29	1	42.8	42.6	42.9	44.	49.8	49.8	51.1
1	30	5	30	1	42.7	42.4	42.8	43.9	49.7	49.6	51.0
1	31	5	31	1	42.6	42.4	42.8	43.8	49.6	49.5	50.9
2	1	5	32	1	42.5	42.3	42.7	43.7	49.5	49.4	50.8
2	2	5	33	1	42.4	42.2	42.6	43.6	49.4	49.3	50.6
2	3	5	34	1	42.4	42.1	42.5	43.5	49.3	49.2	50.5
2	4	5	35	1	42.2	42.	42.4	43.4	49.	49.1	50.4
2	5	5	36	1	42.2	42.0	42.4	43.3	48.9	49.0	50.2
2	6	5	37	1	42.1	41.9	42.3	43.2	48.8	48.9	50.2
2	7	5	38	1	42.1	41.9	42.3	43.1	48.8	48.8	50.1
2	8	5	39	1	42.	41.8	42.2	43.	48.7	48.7	49.9
2	9	5	40	1	41.9	41.7	42.1	42.9	48.6	48.6	49.8
2	10	5	41	1	41.8	41.6	42.1	42.8	48.5	48.5	49.7
2	11	5	42	1	41.8	41.6	42.0	42.8	48.4	48.4	49.7
2	12	5	43	1	41.8	41.6	42.0	42.7	48.4	48.4	49.6
2	13	5	44	1	41.7	41.5	41.9	42.7	48.3	48.3	49.5
2	14	5	45	1	41.6	41.5	41.9	42.6	48.2	48.1	49.3
2	15	5	46	1	41.5	41.4	41.8	42.5	48.	48.0	49.2
2	16	5	47	1	41.5	41.3	41.8	42.4	47.9	48.0	49.1
2	17	5	48	1	41.4	41.3	41.7	42.4	47.8	47.8	49.0
2	18	5	49	1	41.3	41.2	41.7	42.3	47.8	47.8	48.9
2	19	5	50	1	41.3	41.1	41.6	42.3	47.7	47.7	48.8
2	20	5	51	1	41.2	41.1	41.6	42.2	47.7	47.6	48.7
2	21	5	52	1	41.2	41.0	41.6	42.2	47.6	47.6	48.7
2	22	5	53	1	41.2	41.0	41.5	42.1	47.6	47.5	48.6
2	23	5	54	1	41.1	41.0	41.5	42.1	47.4	47.4	48.5

FIELD TEMPERATURE DATA

DEGREES FAHRENHEIT

MO	DA	YR	DAY	NO		T7	T8	T9	T10	T11	T12	T13
2	24	6	55	1		41.0	40.9	40.4	41.1	47.3	47.3	48.4
2	25	6	56	1		41.0	40.8	40.9	41.0	47.1	47.3	48.3
2	26	6	57	1		40.9	40.9	40.8	41.1	47.1	47.2	48.2
2	27	6	58	1		40.6	40.8	40.9	41.1	47.1	47.1	48.1
2	28	6	59	1		40.6	40.7	40.7	41.1	47.0	47.0	48.0
3	1	6	60	1		40.5	40.6	40.7	41.0	47.0	47.0	48.0
3	2	6	61	1		40.7	40.8	40.6	41.0	46.9	46.9	47.9
3	3	6	62	1		40.7	40.6	40.6	41.0	46.8	46.9	47.8
3	4	6	63	1		40.8	40.5	40.5	41.0	46.7	46.8	47.7
3	5	6	64	1		40.7	40.5	40.5	41.0	46.7	46.7	47.6
3	6	6	65	1		40.6	40.4	40.4	41.0	46.6	46.7	47.6
3	7	6	66	1		40.5	40.4	40.4	41.0	46.5	46.6	47.5
3	8	6	67	1		40.5	40.4	40.4	41.0	46.5	46.6	47.4
3	9	6	68	1		40.4	40.3	40.3	41.0	46.4	46.5	47.3
3	10	6	69	1		40.4	40.3	40.4	41.0	46.4	46.5	47.3
3	11	6	70	1		40.2	40.2	40.2	41.0	46.2	46.4	47.1
3	12	6	71	1		40.3	40.2	40.2	41.0	46.2	46.3	47.1
3	13	6	72	1		40.3	40.3	40.2	41.0	46.2	46.3	47.1
3	14	6	73	1		40.2	40.1	40.1	41.0	46.1	46.3	47.0
3	15	6	74	1		40.2	40.1	40.1	41.0	46.1	46.1	46.8
3	16	6	75	1		40.1	40.0	40.0	41.0	46.0	46.2	46.7
3	17	6	76	1		40.0	40.0	39.9	41.0	46.0	46.2	46.7
3	18	6	77	1		39.9	39.9	39.8	41.0	46.0	46.1	46.6
3	19	6	78	1		39.8	39.8	39.8	41.0	46.0	46.0	46.6
3	20	6	79	1		39.7	39.8	39.8	41.0	46.0	46.0	46.6
3	21	6	80	1		39.7	39.8	39.8	41.0	46.0	46.0	46.5
3	22	6	81	1		39.6	39.7	39.8	41.0	45.9	46.0	46.6
3	23	6	82	1		39.6	39.7	39.8	41.0	45.9	46.0	46.5
3	24	6	83	1		39.6	39.7	39.8	41.0	45.9	46.0	46.5
3	25	6	84	1		39.6	39.7	39.8	41.0	45.9	46.0	46.4
3	26	6	85	1		39.6	39.7	39.8	41.0	45.9	46.0	46.5
3	27	6	86	1		39.6	39.7	39.8	41.0	45.9	46.0	46.4
3	28	6	87	1		39.6	39.7	39.8	41.0	45.9	46.0	46.5
3	29	6	88	1		39.6	39.7	39.8	41.0	45.9	46.0	46.4
3	30	6	89	1		39.6	39.7	39.8	41.0	45.9	46.0	46.5
3	31	6	90	1		39.6	39.7	39.8	41.0	45.9	46.0	46.4
4	1	6	91	1		39.6	39.7	39.8	41.0	45.9	46.0	46.5
4	2	6	92	1		39.6	39.7	39.8	41.0	45.9	46.0	46.4
4	3	6	93	1		39.6	39.7	39.8	41.0	45.9	46.0	46.5
4	4	6	94	1		39.6	39.7	39.8	41.0	45.9	46.0	46.4
4	5	6	95	1		39.6	39.7	39.8	41.0	45.9	46.0	46.5
4	6	6	96	1		39.6	39.7	39.8	41.0	45.9	46.0	46.4
4	7	6	97	1		39.6	39.7	39.8	41.0	45.9	46.0	46.5
4	8	6	98	1		39.6	39.7	39.8	41.0	45.9	46.0	46.4
4	9	6	99	1		39.6	39.7	39.8	41.0	45.9	46.0	46.5
4	10	6	100	1		39.6	39.7	39.8	41.0	45.9	46.0	46.4
4	11	6	101	1		39.6	39.7	39.8	41.0	45.9	46.0	46.5
4	12	6	102	1		39.6	39.7	39.8	41.0	45.9	46.0	46.4
4	13	6	103	1		39.6	39.7	39.8	41.0	45.9	46.0	46.5
4	14	6	104	1		39.6	39.7	39.8	41.0	45.9	46.0	46.4
4	15	6	105	1		39.6	39.7	39.8	41.0	45.9	46.0	46.5
4	16	6	106	1		39.6	39.7	39.8	41.0	45.9	46.0	46.4
4	17	6	107	1		39.6	39.7	39.8	41.0	45.9	46.0	46.5
4	18	6	108	1		39.6	39.7	39.8	41.0	45.9	46.0	46.4
4	19	6	109	1		39.6	39.7	39.8	41.0	45.9	46.0	46.5
4	20	6	110	1		39.6	39.7	39.8	41.0	45.9	46.0	46.4
4	21	6	111	1		39.6	39.7	39.8	41.0	45.9	46.0	46.5
4	22	6	112	1		39.6	39.7	39.8	41.0	45.9	46.0	46.4
4	23	6	113	1		39.6	39.7	39.8	41.0	45.9	46.0	46.5
4	24	6	114	1		39.6	39.7	39.8	41.0	45.9	46.0	46.4
4	25	6	115	1		39.6	39.7	39.8	41.0	45.9	46.0	46.5
4	26	6	116	1		39.6	39.7	39.8	41.0	45.9	46.0	46.4
4	27	6	117	1		39.6	39.7	39.8	41.0	45.9	46.0	46.5
4	28	6	118	1		39.6	39.7	39.8	41.0	45.9	46.0	46.4
4	29	6	119	1		39.6	39.7	39.8	41.0	45.9	46.0	46.5
4	30	6	120	1		39.6	39.7	39.8	41.0	45.9	46.0	46.4
5	1	6	121	1		39.6	39.7	39.8	41.0	45.9	46.0	46.5
5	2	6	122	1		39.6	39.7	39.8	41.0	45.9	46.0	46.4
5	3	6	123	1		39.6	39.7	39.8	41.0	45.9	46.0	46.5
5	4	6	124	1		39.6	39.7	39.8	41.0	45.9	46.0	46.4
5	5	6	125	1		39.6	39.7	39.8	41.0	45.9	46.0	46.5
5	6	6	126	1		39.6	39.7	39.8	41.0	45.9	46.0	46.4
5	7	6	127	1		39.6	39.7	39.8	41.0	45.9	46.0	46.5
5	8	6	128	1		39.6	39.7	39.8	41.0	45.9	46.0	46.4
5	9	6	129	1		39.6	39.7	39.8	41.0	45.9	46.0	46.5
5	10	6	130	1		39.6	39.7	39.8	41.0	45.9	46.0	46.4
5	11	6	131	1		39.6	39.7	39.8	41.0	45.9	46.0	46.5
5	12	6	132	1		39.6	39.7	39.8	41.0	45.9	46.0	46.4
5	13	6	133	1		39.6	39.7	39.8	41.0	45.9	46.0	46.5
5	14	6	134	1		39.6	39.7	39.8	41.0	45.9	46.0	46.4
5	15	6	135	1		39.6	39.7	39.8	41.0	45.9	46.0	46.5
5	16	6	136	1		39.6	39.7	39.8	41.0	45.9	46.0	46.4
5	17	6	137	1		39.6	39.7	39.8	41.0	45.9	46.0	46.5
5	18	6	138	1		39.6	39.7	39.8	41.0	45.9	46.0	46.4
5	19	6	139	1		39.6	39.7	39.8	41.0	45.9	46.0	46.5
5	20	6	140	1		39.6	39.7	39.8	41.0	45.9	46.0	46.4
5	21	6	141	1		39.6	39.7	39.8	41.0	45.9	46.0	46.5
5	22	6	142	1		39.6	39.7	39.8	41.0	45.9	46.0	46.4
5	23	6	143	1		39.6	39.7	39.8	41.0	45.9	46.0	46.5
5	24	6	144	1		39.6	39.7	39.8	41.0	45.9	46.0	46.4
5	25	6	145	1		39.6	39.7	39.8	41.0	45.9	46.0	46.5
5	26	6	146	1		39.6	39.7	39.8	41.0	45.9	46.0	46.4
5	27	6	147	1		39.6	39.7	39.8	41.0	45.9	46.0	46.5
5	28	6	148	1		39.6	39.7	39.8	41.0	45.9	46.0	46.4
5	29	6	149	1		39.6	39.7	39.8	41.0	45.9	46.0	46.5
5	30	6	150	1		39.6	39.7	39.8	41.0	45.9	46.0	46.4
5	31	6	151	1		39.6	39.7	39.8	41.0	45.9	46.0	46.5
6	1	6	152	1		39.6	39.7	39.8	41.0	45.9	46.0	46.4
6	2	6	153	1		39.6	39.7	39.8	41.0	45.9	46.0	46.5
6	3	6	154	1		39.6	39.7	39.8	41.0	45.9	46.0	46.4
6	4	6	155	1		39.6	39.7	39.8	41.0	45.9	46.0	46.5
6	5	6	156	1		39.6	39.7	39.8	41.0	45.9	46.0	46.4
6	6	6	157	1		39.6	39.7	39.8	41.0	45.9	46.0	46.5
6	7	6	158	1		39.6	39.7	39.8	41.0	45.9	46.0	46.4
6	8	6	159	1		39.6	39.7	39.8	41.0	45.9	46.0	46.5
6	9	6	160	1		39.6	39.7	39.8	41.0	45.9	46.0	46.4
6	10	6	161	1		39.6	39.7	39.8	41.0	45.9	46.0	46.5
6	11	6	162	1		39.6	39.7	39.8	41.0	45.9	46.0	46.4
6	12	6	163	1		39.6	39.7	39.8	41.0	45.9	46.0	46.5
6	13	6	164	1		39.6	39.7	39.8	41.0	45.9	46.0	46.4
6	14	6	165	1		39.6	39.7	39.8	41.0	45.9	46.0	46.5
6	15	6	166	1		39.6	39.7	39.8	41.0	45.9	46.0	46.4
6	16	6	167	1		39.6	39.7	39.8	41.0	45.9	46.0	46.5
6	17	6	168	1		39.6	39.7	39.8	41.0	45.9	46.0	46.4
6	18	6	169	1		39.6	39.7	39.8	41.0	45.9	46.0	46.5
6	19	6	170	1		39.6	39.7	39.8	41.0	45.9	46.0	46.4
6	20	6	171	1		39.6	39.7	39.8	41.0	45.9	46.0	46.1

FIELD TEMPERATURE DATA

DEGREES FAHRENHEIT

MO	DA	YR	DAY	NO		T7	T8	T9	T10	T11	T12	T13
4	22	0	112	1		46.2	46.2	45.9	45.3	46.2	46.1	46.1
4	23	0	113	1		46.6	46.5	46.3	45.7	46.3	46.3	46.2
4	24	0	114	1		46.9	46.8	46.7	46.0	46.4	46.4	46.3
4	25	0	115	1		47.2	47.1	47.0	46.3	46.5	46.5	46.4
4	26	0	116	1		47.5	47.3	47.3	46.7	46.7	46.7	46.5
4	27	0	117	1		47.7	47.7	47.7	47.0	46.9	47.0	46.7
4	28	0	118	1		47.9	47.8	47.6	47.1	47.1	47.2	46.9
4	29	0	119	1		48.1	48.0	48.1	47.3	47.2	47.3	46.9
5	1	0	121	1		48.3	48.3	48.3	47.5	47.4	47.5	47.1
5	2	0	122	1		48.6	48.6	48.5	47.7	47.5	47.6	47.2
5	3	0	123	1		48.8	48.9	48.6	48.0	47.6	47.7	47.3
5	4	0	124	1		49.0	49.0	49.0	48.2	48.0	48.2	47.7
5	5	0	125	1		50.1	50.2	50.2	48.5	48.4	48.5	47.9
5	6	0	126	1		50.3	50.6	50.4	48.8	48.6	48.6	48.0
5	7	0	127	1		50.7	50.9	50.7	49.1	48.8	48.8	48.1
5	12	0	132	1		51.3	51.4	51.4	50.3	49.5	49.1	48.4
5	13	0	133	1		51.5	51.7	51.6	50.6	49.1	49.2	48.5
5	23	0	143	1		54.3	53.7	53.7	52.5	50.6	50.8	49.9
5	24	0	144	1		53.6	54.	54.	52.	50.7	51.0	50.1
5	26	0	146	1		54.3	54.6	54.4	53.3	50.6	51.3	50.3
5	27	0	147	1		54.7	55.1	55.1	53.	51.2	51.6	50.6
5	28	0	148	1		54.3	54.3	55.1	54.	51.3	51.7	50.7
5	29	0	149	1		55.1	53.9	55.1	54.3	51.5	51.9	50.8
5	30	0	150	1		56.1	54.9	56.1	54.5	51.6	52.2	51.1
5	31	0	151	1		55.7	56.1	56.3	54.7	51.6	52.2	51.2
6	1	0	152	1		56.2	56.5	56.6	55.1	52.1	52.5	51.4
6	2	0	153	1		56.5	56.7	56.9	55.4	52.3	52.7	51.6
6	3	0	154	1		57.	57.3	57.3	55.	52.5	52.8	51.7
6	4	0	155	1		57.1	57.1	57.4	55.	52.7	53.2	52.0
6	7	0	158	1		57.1	57.4	57.4	57.	53.0	53.4	52.2
6	8	0	159	1		57.4	57.7	57.7	57.	53.3	53.6	52.5
6	9	0	160	1		57.6	58.0	58.0	57.	53.5	53.8	52.6
6	11	0	162	1		57.8	58.2	58.3	57.	53.7	54.0	52.8
6	12	0	163	1		58.1	58.4	58.5	57.7	54.0	54.2	53.0
6	13	0	164	1		58.3	58.7	58.8	58.0	54.2	54.5	53.2
6	14	0	165	1		58.5	58.9	59.0	58.2	54.4	54.7	53.4
6	15	0	166	1		58.7	59.2	59.3	58.4	54.6	54.9	53.6
6	16	0	167	1		59.0	59.4	59.5	58.6	54.8	55.1	53.7
6	17	0	168	1		59.2	59.6	59.7	58.8	55.0	55.4	54.1
6	18	0	169	1		59.4	59.8	59.9	59.0	55.1	55.7	54.2
6	19	0	170	1		59.6	60.0	60.1	59.2	55.3	55.8	54.3
6	20	0	171	1		59.8	60.2	60.3	59.4	55.5	56.0	54.5
6	21	0	172	1		60.0	60.4	60.5	59.6	55.7	56.2	54.7
6	22	0	173	1		60.2	60.6	60.7	59.8	55.9	56.4	54.9
6	23	0	174	1		60.4	60.8	60.9	60.0	56.1	56.6	55.1
6	24	0	175	1		60.6	61.0	61.1	60.2	56.3	56.8	55.2
6	25	0	176	1		60.8	61.2	61.3	60.4	56.5	57.	55.4
6	26	0	177	1		61.0	61.4	61.5	60.6	56.7	57.2	55.6
6	27	0	178	1		61.2	61.6	61.7	60.8	56.9	57.4	55.8
6	28	0	179	1		61.4	61.8	61.9	61.0	57.1	57.6	56.0
6	29	0	180	1		61.6	62.0	62.1	61.2	57.3	57.8	56.2
6	30	0	181	1		61.8	62.2	62.3	61.4	57.5	58.0	56.4
7	1	0	182	1		62.0	62.4	62.5	61.6	57.7	58.2	56.6
7	2	0	183	1		62.2	62.6	62.7	61.8	57.9	58.4	56.8
7	3	0	184	1		62.4	62.8	62.9	62.0	58.1	58.6	57.0
7	4	0	185	1		62.6	63.0	63.1	62.2	58.3	58.8	57.2
7	5	0	186	1		62.8	63.2	63.3	62.4	58.5	59.0	57.4
7	6	0	187	1		63.0	63.4	63.5	62.6	58.7	59.2	57.6
7	7	0	188	1		63.2	63.6	63.7	62.8	58.9	59.4	57.8
7	8	0	189	1		63.4	63.8	63.9	63.0	59.1	59.6	58.0
7	9	0	190	1		63.6	64.0	64.1	63.2	59.3	59.8	58.2
7	10	0	191	1		63.8	64.2	64.3	63.4	59.5	60.0	58.4
7	11	0	192	1		64.0	64.4	64.5	63.6	59.7	60.2	58.6
7	12	0	193	1		64.2	64.6	64.7	63.8	59.9	60.4	58.8
7	13	0	194	1		64.4	64.8	64.9	64.0	60.1	60.6	59.0
7	14	0	195	1		64.6	65.0	65.1	64.2	60.3	60.8	59.2
7	15	0	196	1		64.8	65.2	65.3	64.4	60.5	61.0	59.4
7	16	0	197	1		65.0	65.4	65.5	64.6	60.7	61.2	59.6
7	17	0	198	1		65.2	65.6	65.7	64.8	60.9	61.4	59.8
7	18	0	199	1		65.4	65.8	65.9	65.0	61.1	61.6	60.0
7	19	0	200	1		65.6	66.0	66.1	65.2	61.3	61.8	60.2
7	20	0	201	1		65.8	66.2	66.3	65.4	61.5	62.0	60.4
7	21	0	202	1		66.0	66.4	66.5	65.6	61.7	62.2	60.6
7	22	0	203	1		66.2	66.6	66.7	65.8	61.9	62.4	60.8
7	23	0	204	1		66.4	66.8	66.9	66.0	62.1	62.6	61.0
7	24	0	205	1		66.6	67.0	67.1	66.2	62.3	62.8	61.2
7	25	0	206	1		66.8	67.2	67.3	66.4	62.5	63.0	61.4
7	26	0	207	1		67.0	67.4	67.5	66.6	62.7	63.2	61.6
7	27	0	208	1		67.2	67.6	67.7	66.8	62.9	63.4	61.8
7	28	0	209	1		67.4	67.8	67.9	67.0	63.1	63.6	62.0
7	29	0	210	1		67.6	68.0	68.1	67.2	63.3	63.8	62.2
7	30	0	211	1		67.8	68.2	68.3	67.4	63.5	64.0	62.4
7	31	0	212	1		68.0	68.4	68.5	67.6	63.7	64.2	62.6

FIELD TEMPERATURE DATA

DEGREES FAHRENHEIT

MO	DA	YR	DAY NO		T7	T8	T9	T10	T11	T12	T13
7	4	0	185	1	64.2	64.7	64.8	63.6	57.9	58.5	56.9
7	5	0	186	1	64.5	64.9	65.0	63.9	58.1	58.6	57.1
7	6	0	187	1	64.8	65.1	65.2	64.3	58.3	58.7	57.3
7	7	0	188	1	65.1	65.4	65.5	64.5	58.5	58.9	57.5
7	8	0	189	1	65.3	65.6	65.7	64.7	59.1	59.2	57.6
7	9	0	190	1	65.5	65.8	65.9	64.9	58.9	59.3	57.8
7	10	0	191	1	65.7	66.0	66.1	65.1	59.0	59.4	58.0
7	11	0	192	1	65.5	66.1	66.3	65.3	59.2	59.6	58.2
7	12	0	193	1	65.8	66.2	66.4	65.4	59.3	59.9	58.3
7	13	0	194	1	65.8	66.2	66.5	65.5	59.6	60.1	58.4
7	14	0	195	1	65.9	66.2	66.5	65.5	59.9	60.2	58.6
7	15	0	196	1	65.9	66.3	66.6	65.6	59.8	60.3	58.5
7	16	0	197	1	66.0	66.4	66.7	65.6	60.0	60.5	58.9
7	17	0	198	1	66.2	66.5	66.8	65.7	60.2	60.6	59.1
7	18	0	199	1	69.3	70.4	71.2	70.4	65.6	66.3	65.4
7	19	0	200	1	69.7	70.1	71.0	70.2	65.7	66.5	65.6
7	20	0	201	1	69.2	69.8	69.9	68.9	65.6	66.4	65.8

FIELD TEMPERATURE DATA

DEGREES FAHRENHEIT

MO	DA	YR	DAY NO		T14	T15	T16	T17	T18	T19
1	1	9	1	2	55.0	56.7	57.4	57.4	57.4	0.0
1	2	9	2	2	54.8	56.7	57.4	57.3	57.3	0.0
1	3	9	3	2	54.6	56.4	57.2	57.1	57.0	0.0
1	4	9	4	2	54.5	56.3	57.1	57.0	56.9	0.0
1	5	9	5	2	54.3	56.2	57.0	56.9	56.8	0.0
1	6	9	6	2	54.0	56.1	56.9	56.7	56.6	0.0
1	7	9	7	2	53.9	55.9	56.7	56.5	56.5	0.0
1	8	9	8	2	53.6	55.8	56.7	56.4	56.3	0.0
1	9	9	9	2	53.4	55.6	56.5	56.1	56.1	0.0
1	10	9	10	2	53.2	55.5	56.4	56.0	56.0	0.0
1	11	9	11	2	53.1	55.4	56.3	55.9	55.8	0.0
1	12	9	12	2	52.9	55.2	56.2	55.7	55.7	0.0
1	13	9	13	2	52.7	55.1	56.1	55.6	55.5	0.0
1	14	9	14	2	52.6	55.0	55.9	55.5	55.4	0.0
1	15	9	15	2	52.4	54.9	55.8	55.2	55.2	0.0
1	16	9	16	2	52.3	54.8	55.8	55.1	55.1	0.0
1	17	9	17	2	52.1	54.6	55.6	54.9	54.9	0.0
1	18	9	18	2	51.9	54.5	55.5	54.8	54.8	0.0
1	19	9	19	2	51.8	54.5	55.5	54.8	54.8	0.0
1	20	9	20	2	51.6	54.2	55.2	54.5	54.5	0.0
1	21	9	21	2	51.5	54.1	55.1	54.4	54.4	0.0
1	22	9	22	2	51.3	54.0	55.0	54.1	54.2	0.0
1	23	9	23	2	51.1	53.9	54.9	54.0	54.0	0.0
1	24	9	24	2	51.0	53.7	54.8	53.9	53.9	0.0
1	25	9	25	2	50.9	53.6	54.7	53.8	53.8	0.0
1	26	9	26	2	50.7	53.6	54.7	53.7	53.7	0.0
1	27	9	27	2	50.6	53.4	54.6	53.5	53.5	0.0
1	28	9	28	2	50.5	53.3	54.6	53.4	53.4	0.0
1	29	9	29	2	50.4	53.2	54.3	53.3	53.3	0.0
1	30	9	30	2	50.2	53.0	54.2	53.2	53.2	0.0
1	31	9	31	2	50.1	52.9	54.1	53.1	53.1	0.0
2	1	9	32	2	50.0	52.9	54.0	52.9	52.9	0.0
2	2	9	33	2	49.9	52.8	53.9	52.8	52.8	0.0
2	3	9	34	2	49.7	52.7	53.9	52.7	52.7	0.0
2	4	9	35	2	49.5	52.5	53.8	52.6	52.6	0.0
2	5	9	36	2	49.4	52.5	53.7	52.5	52.5	0.0
2	6	9	37	2	49.3	52.4	53.7	52.5	52.4	0.0
2	7	9	38	2	49.2	52.4	53.6	52.3	52.2	0.0
2	8	9	39	2	49.1	52.3	53.5	52.2	52.1	0.0
2	9	9	40	2	49.0	52.2	53.4	52.2	52.0	0.0
2	10	9	41	2	49.1	52.0	53.3	52.2	52.1	0.0
2	11	9	42	2	48.8	52.0	53.3	52.0	51.9	0.0
2	12	9	43	2	48.7	52.0	53.3	51.9	51.9	0.0
2	13	9	44	2	48.7	51.9	53.1	51.8	51.7	0.0
2	14	9	45	2	48.6	51.8	53.0	51.7	51.6	0.0
2	15	9	46	2	48.5	51.7	52.9	51.6	51.5	0.0
2	16	9	47	2	48.3	51.6	52.9	51.5	51.4	0.0
2	17	9	48	2	48.2	51.6	52.8	51.4	51.2	0.0
2	18	9	49	2	48.1	51.5	52.8	51.3	51.2	0.0
2	19	9	50	2	48.0	51.4	52.7	51.2	51.1	0.0
2	20	9	51	2	48.0	51.3	52.6	51.2	51.0	0.0
2	21	9	52	2	47.9	51.2	52.5	51.0	50.8	0.0
2	22	9	53	2	47.7	51.2	52.5	50.9	50.8	0.0
2	23	9	54	2	47.7	51.1	52.4	50.9	50.7	0.0

FIELD TEMPERATURE DATA

DEGREES FAHRENHEIT

MO	DA	YR	DAY NO		T14	T15	T16	T17	T18	T19
2	24	9	55	2	47.6	51.0	52.3	50.8	50.6	0.0
2	25	9	56	2	47.5	50.9	52.3	50.7	50.5	0.0
2	26	9	57	2	47.5	50.9	52.2	50.7	50.5	0.0
2	27	9	58	2	47.4	50.8	52.1	50.6	50.4	0.0
2	28	9	59	2	47.2	50.7	52.0	50.5	50.2	0.0
3	1	9	60	2	47.1	50.7	52.0	50.4	50.2	0.0
3	2	9	61	2	47.0	50.6	52.0	50.3	50.1	0.0
3	3	9	62	2	47.0	50.5	51.9	50.2	50.0	0.0
3	4	9	63	2	46.9	50.5	51.8	50.2	49.9	0.0
3	5	9	64	2	46.9	50.4	51.7	50.1	49.9	0.0
3	6	9	65	2	46.8	50.4	51.7	50.0	49.7	0.0
3	7	9	66	2	46.7	50.3	51.6	50.0	49.6	0.0
3	8	9	67	2	46.7	50.3	51.6	49.9	49.6	0.0
3	9	9	68	2	46.6	50.2	51.6	49.9	49.5	0.0
3	10	9	69	2	46.6	50.1	51.5	49.9	49.5	0.0
3	11	9	70	2	46.5	50.0	51.4	49.8	49.4	0.0
3	12	9	71	2	46.5	50.0	51.3	49.8	49.4	0.0
3	13	9	72	2	46.3	50.0	51.4	49.7	49.2	0.0
3	14	9	73	2	46.2	49.9	51.3	49.5	49.1	0.0
3	15	9	74	2	46.4	49.6	51.1	49.7	49.3	0.0
3	16	9	75	2	46.1	49.5	50.9	49.5	49.0	0.0
3	17	9	76	2	46.2	49.5	50.9	49.5	49.0	0.0
3	18	9	77	2	46.1	49.4	50.9	49.4	49.0	0.0
3	23	9	82	2	45.9	49.5	50.8	49.0	48.6	0.0
3	24	9	83	2	45.8	49.4	50.7	48.9	48.5	0.0
3	25	9	84	2	45.8	49.3	50.7	48.8	48.4	0.0
3	26	9	85	2	45.1	49.2	50.3	48.4	48.0	0.0
3	27	9	86	2	45.1	49.1	50.3	48.3	48.0	0.0
3	28	9	87	2	45.1	48.9	50.2	48.3	47.9	0.0
3	29	9	88	2	45.0	48.8	50.2	48.2	47.9	0.0
3	31	9	90	2	44.9	48.7	50.0	48.1	47.7	0.0
4	1	9	91	2	44.9	48.7	50.0	48.0	47.7	0.0
4	2	9	92	2	44.9	48.6	49.9	48.0	47.6	0.0
4	3	9	93	2	44.8	48.5	49.9	48.0	47.6	0.0
4	4	9	94	2	44.8	48.5	49.9	47.9	47.5	0.0
4	5	9	95	2	44.8	48.5	49.8	47.8	47.5	0.0
4	7	9	97	2	44.8	48.4	49.7	47.8	47.4	0.0
4	8	9	98	2	44.8	48.4	49.7	47.8	47.4	0.0
4	9	9	99	2	44.8	48.3	49.7	47.8	47.3	0.0
4	10	9	100	2	44.8	48.3	49.7	47.8	47.3	0.0
4	11	9	101	2	44.8	48.3	49.6	47.8	47.3	0.0
4	12	9	102	2	45.0	48.3	49.6	47.8	47.2	0.0
4	14	9	104	2	45.1	48.3	49.6	47.8	47.2	0.0
4	15	9	105	2	45.1	48.3	49.6	47.7	47.2	0.0
4	16	9	106	2	45.2	48.3	49.6	47.7	47.2	0.0
4	17	9	107	2	45.2	48.3	49.6	47.8	47.2	0.0
4	18	9	108	2	45.2	48.3	49.6	47.8	47.2	0.0
4	19	9	109	2	45.4	48.3	49.5	47.8	47.2	0.0
4	21	9	111	2	45.6	48.3	49.6	47.9	47.2	0.0
4	22	9	112	2	45.7	48.3	49.6	47.9	47.3	0.0
4	23	9	113	2	45.8	48.4	49.6	47.9	47.3	0.0
4	24	9	114	2	45.9	48.4	49.6	48.0	47.3	0.0
4	25	9	115	2	46.1	48.4	49.6	48.0	47.4	0.0

FIELD TEMPERATURE DATA

DEGREES FAHRENHEIT

MO	DA	YR	DAY NO		T14	T15	T16	T17	T18	T19
4	26	9	116	2	45.2	48.3	49.6	48.1	47.4	0.0
4	28	9	118	2	46.5	48.6	49.7	48.2	47.5	0.0
4	29	9	119	2	46.5	48.6	49.7	48.3	47.5	0.0
4	30	9	120	2	46.7	48.7	49.8	48.4	47.6	0.0
5	1	9	121	2	46.9	48.8	49.9	48.4	47.7	0.0
5	2	9	122	2	47.0	48.9	49.8	48.5	47.7	0.0
5	3	9	123	2	47.1	48.9	49.9	48.6	47.8	0.0
5	5	9	125	2	47.3	49.1	50.0	48.9	48.0	0.0
5	8	9	128	2	47.9	49.2	50.1	49.1	48.1	0.0
5	9	9	129	2	47.9	49.3	50.2	49.1	48.2	0.0
5	10	9	130	2	48.0	49.4	50.2	49.2	48.3	0.0
5	12	9	132	2	48.3	49.5	50.3	49.4	48.4	0.0
5	13	9	133	2	48.5	49.5	50.4	49.5	48.5	0.0
5	23		143	2	50.0	50.4	51.0	50.5	49.5	0.0
5	24	9	144	2	50.1	50.5	51.1	50.6	49.5	0.0
5	26	9	146	2	50.4	50.6	51.2	50.8	49.7	0.0
5	27	9	147	2	50.7	50.8	51.4	51.0	49.9	0.0
5	28	9	148	2	50.8	50.9	51.5	51.1	50.0	0.0
5	29	9	149	2	50.9	51.0	51.5	51.2	50.1	0.0
5	30	9	150	2	51.1	51.2	51.7	51.5	50.3	0.0
5	31	9	151	2	51.1	51.2	51.7	51.5	50.3	0.0
6	2	9	153	2	51.5	51.3	51.8	51.7	50.5	0.0
6	3	9	153	2	51.7	51.5	51.9	51.8	50.6	0.0
6	4	9	154	2	51.9	51.6	52.0	51.9	50.7	0.0
6	6	9	156	2	52.2	51.7	52.1	52.1	50.8	0.0
6	7	9	157	2	52.4	51.9	52.2	52.3	51.1	0.0
6	9	9	159	2	52.6	52.1	52.4	52.5	51.2	0.0
6	10	9	160	2	53.0	52.2	52.4	52.6	51.4	0.0
6	11	9	161	2	53.0	52.3	52.5	52.7	51.4	0.0
6	12	9	162	2	53.2	52.4	52.6	52.8	51.6	0.0
6	14	9	164	2	53.5	52.6	52.8	53.2	51.8	0.0
6	16	9	166	2	54.2	52.8	53.0	53.5	52.0	0.0
6	17	9	167	2	54.4	53.1	53.3	53.8	52.3	0.0
6	18	9	168	2	54.5	53.2	53.3	53.9	52.4	0.0
6	19	9	169	2	54.7	53.2	53.3	54.0	52.5	0.0
6	20	9	170	2	55.0	53.3	53.5	54.1	52.6	0.0
6	21	9	171	2	55.2	53.5	53.5	54.3	52.7	0.0
6	22	9	172	2	55.4	53.6	53.7	54.4	52.9	0.0
6	23	9	173	2	55.5	53.7	53.8	54.5	53.0	0.0
6	24	9	174	2	55.8	53.8	53.8	54.7	53.1	0.0
6	25	9	175	2	55.8	53.9	54.0	54.8	53.2	0.0
6	26	9	176	2	55.9	54.0	54.0	54.8	53.2	0.0
6	28	9	178	2	56.4	54.2	54.3	54.9	53.2	0.0
6	29	9	179	2	56.4	54.2	54.3	55.0	53.3	0.0
6	30	9	180	2	56.4	54.3	54.4	55.0	53.4	0.0
7	1	9	181	2	56.5	54.4	54.5	55.2	53.5	0.0
7	2	9	182	2	56.7	54.5	54.6	55.3	53.6	0.0
7	3	9	183	2	56.8	54.6	54.7	55.4	53.7	0.0
7	4	9	184	2	57.0	54.7	54.8	55.5	53.8	0.0
7	5	9	185	2	57.1	54.8	54.9	55.6	53.9	0.0
7	6	9	186	2	57.2	54.9	55.0	55.7	54.0	0.0
7	7	9	187	2	57.3	55.0	55.1	55.8	54.1	0.0
7	8	9	188	2	57.4	55.1	55.2	55.9	54.2	0.0
7	9	9	189	2	57.5	55.2	55.3	56.0	54.3	0.0
7	10	9	190	2	57.6	55.3	55.4	56.1	54.4	0.0
7	11	9	191	2	57.7	55.4	55.5	56.2	54.5	0.0
7	12	9	192	2	57.8	55.5	55.6	56.3	54.6	0.0
7	13	9	193	2	57.9	55.6	55.7	56.4	54.7	0.0
7	14	9	194	2	58.0	55.7	55.8	56.5	54.8	0.0

FIELD TEMPERATURE DATA

DEGREES FAHRENHEIT

MO	DA	YR	DAY NO		T14	T15	T16	T17	T18	T19
7	8	9	189	2	58.2	55.8	55.8	56.9	55.1	0.0
7	9	9	190	2	58.4	56.0	55.7	57.0	55.3	0.0
7	10	9	191	2	58.5	56.1	56.0	57.1	55.4	0.0
7	11	9	192	2	58.7	56.2	56.0	57.3	55.6	0.0
7	12	9	193	2	59.0	56.3	56.0	57.5	55.7	0.0
7	13	9	194	2	59.1	56.4	56.1	57.6	55.8	0.0
7	14	9	195	2	59.3	56.5	56.2	57.7	55.9	0.0
7	15	9	196	2	59.5	56.6	56.3	57.9	56.1	0.0
7	16	9	197	2	59.7	56.7	56.4	58.0	56.2	0.0
7	17	9	198	2	59.8	56.8	56.5	58.1	56.3	0.0
9	15	9	258	2	66.0	62.0	61.7	64.2	62.2	58.2
9	17	9	260	2	66.2	62.1	61.9	64.4	62.4	58.4
9	26	9	269	2	66.1	62.4	62.2	64.7	62.7	58.6

FIELD TEMPERATURE DATA

DEGREES FAHRENHEIT

MO	DA	YR	DAY NO		T20	T21	T22	T23	T24	T25	T26
1	1	9	1	2	0.0	57.9	57.6	57.2	57.1	0.0	56.9
1	2	9	2	2	0.0	57.9	57.5	57.0	57.0	0.0	56.8
1	3	9	3	2	0.0	57.8	57.4	56.9	56.9	0.0	56.7
1	4	9	4	2	0.0	57.7	57.4	57.0	56.8	0.0	56.7
1	5	9	5	2	0.0	57.7	57.3	56.9	56.9	0.0	56.7
1	6	9	6	2	0.0	57.6	57.2	56.8	56.8	0.0	56.6
1	7	9	7	2	0.0	57.5	57.2	56.8	56.8	0.0	56.5
1	8	9	8	2	0.0	57.4	57.1	56.7	56.7	0.0	56.5
1	9	9	9	2	0.0	57.3	57.0	56.6	56.6	0.0	56.4
1	10	9	10	2	0.0	57.3	57.0	56.6	56.6	0.0	56.4
1	11	9	11	2	0.0	57.2	56.9	56.6	56.6	0.0	56.3
1	12	9	12	2	0.0	57.1	56.8	56.5	56.5	0.0	56.2
1	13	9	13	2	0.0	57.0	56.8	56.4	56.4	0.0	56.2
1	14	9	14	2	0.0	57.0	56.7	56.4	56.4	0.0	56.2
1	15	9	15	2	0.0	56.9	56.6	56.3	56.3	0.0	56.1
1	16	9	16	2	0.0	56.9	56.6	56.3	56.3	0.0	56.0
1	17	9	17	2	0.0	56.8	56.5	56.2	56.2	0.0	55.9
1	18	9	18	2	0.0	56.7	56.4	56.1	56.1	0.0	55.9
1	19	9	19	2	0.0	56.7	56.4	56.1	56.1	0.0	55.8
1	20	9	20	2	0.0	56.5	56.3	56.0	56.0	0.0	55.9
1	21	9	21	2	0.0	56.4	56.2	56.0	56.0	0.0	55.7
1	22	9	22	2	0.0	56.3	56.2	55.9	55.9	0.0	55.6
1	23	9	23	2	0.0	56.3	56.1	55.8	55.8	0.0	55.5
1	24	9	24	2	0.0	56.2	56.0	55.7	55.8	0.0	55.9
1	25	9	25	2	0.0	56.1	56.0	55.7	55.7	0.0	55.4
1	26	9	26	2	0.0	56.1	55.9	55.7	55.7	0.0	55.4
1	27	9	27	2	0.0	56.0	55.8	55.6	55.6	0.0	55.3
1	28	9	28	2	0.0	55.9	55.8	55.6	55.6	0.0	55.3
1	29	9	29	2	0.0	55.8	55.7	55.5	55.5	0.0	55.2
1	30	9	30	2	0.0	55.7	55.6	55.4	55.4	0.0	55.1
1	31	9	31	2	0.0	55.6	55.6	55.4	55.4	0.0	55.1
2	1	9	32	2	0.0	55.6	55.5	55.4	55.3	0.0	55.0
2	2	9	33	2	0.0	55.5	55.4	55.2	55.2	0.0	54.9
2	3	9	34	2	0.0	55.4	55.3	55.2	55.2	0.0	54.9
2	4	9	35	2	0.0	55.3	55.2	55.1	55.1	0.0	54.8
2	5	9	36	2	0.0	55.2	55.1	55.1	55.1	0.0	54.8
2	6	9	37	2	0.0	55.2	55.1	55.1	55.1	0.0	54.8
2	7	9	38	2	0.0	55.1	55.0	55.0	55.0	0.0	54.7
2	8	9	39	2	0.0	55.1	55.0	54.9	54.9	0.0	54.6
2	9	9	40	2	0.0	55.0	54.9	54.9	54.9	0.0	54.6
2	10	9	41	2	0.0	54.9	54.8	54.8	54.8	0.0	54.6
2	11	9	42	2	0.0	54.9	54.8	54.8	54.8	0.0	54.5
2	12	9	43	2	0.0	54.9	54.8	54.8	54.8	0.0	54.4
2	13	9	44	2	0.0	54.8	54.7	54.7	54.7	0.0	54.4
2	14	9	45	2	0.0	54.7	54.6	54.6	54.6	0.0	54.4
2	15	9	46	2	0.0	54.6	54.5	54.5	54.6	0.0	54.3
2	16	9	47	2	0.0	54.6	54.5	54.5	54.5	0.0	54.2
2	17	9	48	2	0.0	54.5	54.4	54.5	54.5	0.0	54.1
2	18	9	49	2	0.0	54.4	54.3	54.4	54.4	0.0	54.1
2	19	9	50	2	0.0	54.3	54.2	54.3	54.3	0.0	54.0
2	20	9	51	2	0.0	54.2	54.2	54.3	54.3	0.0	54.0
2	21	9	52	2	0.0	54.2	54.1	54.2	54.3	0.0	53.9
2	22	9	53	2	0.0	54.1	54.1	54.2	54.2	0.0	53.9
2	23	9	54	2	0.0	54.1	54.0	54.1	54.1	0.0	53.8

FIELD TEMPERATURE DATA

DEGREES FAHRENHEIT

MO	DA	YR	DAY NO		T20	T21	T22	T23	T24	T25	T26
2	24	9	55	2	0.0	54.0	53.9	54.1	54.1	0.0	53.8
2	25	9	56	2	0.0	53.9	53.9	54.0	54.0	0.0	53.7
2	26	9	57	2	0.0	53.8	53.8	54.0	54.0	0.0	53.7
2	27	9	58	2	0.0	53.8	53.8	53.9	53.9	0.0	53.7
2	28	9	59	2	0.0	53.8	53.7	53.9	53.9	0.0	53.6
3	1	9	60	2	0.0	53.7	53.7	53.8	53.8	0.0	53.5
3	2	9	61	2	0.0	53.6	53.6	53.8	53.8	0.0	53.4
3	3	9	62	2	0.0	53.6	53.5	53.8	53.8	0.0	53.4
3	4	9	63	2	0.0	53.5	53.5	53.7	53.7	0.0	53.3
3	5	9	64	2	0.0	53.4	53.4	53.6	53.6	0.0	53.3
3	6	9	65	2	0.0	53.3	53.3	53.6	53.6	0.0	53.2
3	7	9	66	2	0.0	53.3	53.3	53.5	53.5	0.0	53.1
3	8	9	67	2	0.0	53.3	53.3	53.5	53.5	0.0	53.1
3	9	9	68	2	0.0	53.2	53.2	53.4	53.4	0.0	53.0
3	10	9	69	2	0.0	53.1	53.1	53.4	53.4	0.0	53.0
3	11	9	70	2	0.0	53.0	53.0	53.3	53.3	0.0	53.0
3	12	9	71	2	0.0	53.0	53.0	53.3	53.3	0.0	53.0
3	13	9	72	2	0.0	53.0	53.0	53.3	53.3	0.0	52.9
3	14	9	73	2	0.0	52.9	52.9	53.2	53.2	0.0	52.8
3	15	9	74	2	0.0	52.8	52.7	53.1	53.1	0.0	52.7
3	16	9	75	2	0.0	52.8	52.7	53.0	53.0	0.0	52.7
3	17	9	76	2	0.0	52.8	52.7	53.0	53.0	0.0	52.7
3	18	9	77	2	0.0	52.8	52.8	52.9	53.0	0.0	52.7
3	23	9	82	2	0.0	52.8	52.8	52.9	52.9	0.0	52.8
3	24	9	83	2	0.0	52.4	52.4	52.9	52.8	0.0	52.4
3	25	9	84	2	0.0	52.4	52.4	52.8	52.7	0.0	52.3
3	26	9	85	2	0.0	52.0	52.0	52.8	52.4	0.0	52.0
3	27	9	86	2	0.0	52.0	52.0	52.4	52.4	0.0	51.9
3	28	9	87	2	0.0	51.9	51.9	52.4	52.3	0.0	51.9
3	29	9	88	2	0.0	51.9	51.9	52.4	52.3	0.0	51.9
3	31	9	90	2	0.0	51.8	51.8	52.3	52.2	0.0	51.8
4	1	9	91	2	0.0	51.7	51.8	52.2	52.2	0.0	51.8
4	2	9	92	2	0.0	51.7	51.7	52.2	52.1	0.0	51.7
4	3	9	93	2	0.0	51.6	51.7	52.2	52.1	0.0	51.7
4	4	9	94	2	0.0	51.6	51.6	52.2	52.1	0.0	51.6
4	5	9	95	2	0.0	51.6	51.6	52.1	52.1	0.0	51.6
4	7	9	97	2	0.0	51.4	51.5	52.1	52.0	0.0	51.5
4	8	9	98	2	0.0	51.4	51.5	52.0	52.0	0.0	51.5
4	9	9	99	2	0.0	51.4	51.4	52.0	51.9	0.0	51.5
4	10	9	100	2	0.0	51.3	51.4	52.0	51.9	0.0	51.4
4	11	9	101	2	0.0	51.3	51.3	51.9	51.8	0.0	51.4
4	12	9	101	2	0.0	51.3	51.3	51.9	51.9	0.0	51.4
4	14	9	104	2	0.0	51.2	51.2	51.9	51.8	0.0	51.3
4	15	9	105	2	0.0	51.2	51.2	51.8	51.8	0.0	51.3
4	16	9	106	2	0.0	51.2	51.2	51.8	51.7	0.0	51.2
4	17	9	107	2	0.0	51.1	51.2	51.8	51.7	0.0	51.2
4	18	9	108	2	0.0	51.1	51.1	51.8	51.7	0.0	51.2
4	19	9	109	2	0.0	51.1	51.1	51.8	51.7	0.0	51.2
4	21	9	111	2	0.0	51.0	51.0	51.7	51.6	0.0	51.2
4	22	9	112	2	0.0	51.0	51.0	51.7	51.6	0.0	51.1
4	23	9	113	2	0.0	50.9	51.0	51.7	51.6	0.0	51.1
4	24	9	114	2	0.0	50.9	50.9	51.7	51.6	0.0	51.1
4	25	9	115	2	0.0	50.9	50.9	51.7	51.6	0.0	51.1

FIELD TEMPERATURE DATA

DEGREES FAHRENHEIT

MO	DA	YR	DAY NO		T20	T21	T22	T23	T24	T25	T26
4	20	7	115	2	0.0	50.9	50.9	51.6	51.5	0.0	51.1
4	25	7	118	2	0.0	50.9	50.9	51.6	51.5	0.0	51.0
4	29	7	119	2	0.0	50.9	50.9	51.6	51.5	0.0	51.0
4	30	7	120	2	0.0	50.9	50.8	51.6	51.5	0.0	51.0
5	1	7	121	2	0.0	50.9	50.9	51.6	51.5	0.0	51.0
5	2	7	122	2	0.0	50.9	50.8	51.6	51.5	0.0	51.0
5	3	7	123	2	0.0	50.9	50.8	51.6	51.5	0.0	51.0
5	6	7	126	2	0.0	50.8	50.8	51.6	51.4	0.0	50.9
5	8	7	128	2	0.0	50.9	50.8	51.5	51.4	0.0	51.0
5	9	7	129	2	0.0	50.9	50.8	51.5	51.4	0.0	50.9
5	10	7	130	2	0.0	50.9	50.8	51.5	51.4	0.0	51.0
5	12	7	132	2	0.0	50.9	50.8	51.5	51.4	0.0	51.0
5	13	7	133	2	0.0	50.9	50.8	51.6	51.5	0.0	50.9
5	23	7	143	2	0.0	51.1	50.9	51.7	51.6	0.0	51.0
5	24	7	144	2	0.0	51.2	51.0	51.7	51.6	0.0	51.1
5	26	7	146	2	0.0	51.2	51.0	51.7	51.6	0.0	51.1
5	27	7	147	2	0.0	51.4	51.1	51.7	51.7	0.0	51.2
5	28	7	148	2	0.0	51.4	51.2	51.9	51.8	0.0	51.2
5	29	7	149	2	0.0	51.4	51.2	51.9	51.8	0.0	51.2
5	30	7	150	2	0.0	51.5	51.2	51.9	51.8	0.0	51.3
5	31	7	151	2	0.0	51.5	51.2	51.9	51.8	0.0	51.3
6	2	7	153	2	0.0	51.5	51.3	51.9	51.8	0.0	51.3
6	3	7	153	2	0.0	51.6	51.3	52.0	51.9	0.0	51.4
6	4	7	154	2	0.0	51.6	51.3	52.0	51.9	0.0	51.4
6	6	7	156	2	0.0	51.7	51.4	52.1	51.9	0.0	51.4
6	7	7	157	2	0.0	51.7	51.4	52.1	52.0	0.0	51.5
6	9	7	160	2	0.0	51.9	51.5	52.2	52.0	0.0	51.5
6	10	7	161	2	0.0	51.9	51.6	52.3	52.1	0.0	51.6
6	11	7	162	2	0.0	51.9	51.6	52.3	52.1	0.0	51.6
6	12	7	163	2	0.0	51.9	51.6	52.3	52.1	0.0	51.6
6	14	7	165	2	0.0	52.0	51.7	52.4	52.2	0.0	51.7
6	16	7	167	2	0.0	52.2	51.8	52.4	52.3	0.0	51.8
6	17	7	168	2	0.0	52.3	51.9	52.5	52.4	0.0	51.9
6	18	7	169	2	0.0	52.3	51.9	52.5	52.5	0.0	51.9
6	19	7	170	2	0.0	52.3	51.9	52.5	52.5	0.0	51.9
6	20	7	171	2	0.0	52.4	51.9	52.6	52.5	0.0	51.9
6	21	7	172	2	0.0	52.5	52.0	52.6	52.5	0.0	52.0
6	22	7	173	2	0.0	52.5	52.0	52.6	52.5	0.0	52.0
6	23	7	174	2	0.0	52.5	52.1	52.7	52.6	0.0	52.0
6	24	7	175	2	0.0	52.6	52.1	52.7	52.6	0.0	52.1
6	25	7	176	2	0.0	52.7	52.2	52.7	52.7	0.0	52.1
6	26	7	177	2	0.0	54.0	52.1	52.9	52.9	0.0	52.1
6	27	7	178	2	0.0	54.7	54.5	55.3	55.0	0.0	54.4
6	28	7	179	2	0.0	54.5	52.3	53.3	52.9	0.0	52.3
6	29	7	180	2	0.0	54.5	52.4	53.3	53.0	0.0	52.4
6	30	7	181	2	0.0	54.5	52.6	53.3	53.0	0.0	52.5
7	1	7	182	2	0.0	53.5	52.5	53.4	53.1	0.0	52.6
7	2	7	183	2	0.0	53.5	52.5	53.4	53.2	0.0	52.6
7	3	7	184	2	0.0	53.6	52.6	53.5	53.3	0.0	52.7
7	6	7	185	2	0.0	53.6	52.7	53.5	53.4	0.0	52.7
7	7	7	186	2	0.0	53.7	52.8	53.5	53.4	0.0	52.8
7	8	7	187	2	0.0	53.8	52.8	53.5	53.5	0.0	52.9
7	9	7	188	2	0.0	54.8	52.9	54.0	53.6	0.0	53.0

FIELD TEMPERATURE DATA

DEGREES FAHRENHEIT

MO	DA	YR	DAY NO		T20	T21	T22	T23	T24	T25	T26
7	8	9	189	2	0.0	53.8	53.0	53.7	53.7	0.0	53.1
7	9	9	190	2	0.0	53.9	53.0	53.6	53.6	0.0	53.1
7	10	9	191	2	0.0	53.9	53.0	53.7	53.7	0.0	53.1
7	11	9	192	2	0.0	54.0	53.2	53.8	53.7	0.0	53.2
7	12	9	193	2	0.0	54.0	53.2	53.8	53.7	0.0	53.2
7	13	9	194	2	0.0	54.0	53.3	53.8	53.7	0.0	53.2
7	14	9	195	2	0.0	54.1	53.3	53.8	53.8	0.0	53.2
7	15	9	196	2	0.0	54.2	53.4	53.9	53.9	0.0	53.3
7	16	9	197	2	0.0	54.1	53.5	54.0	53.9	0.0	53.3
7	17	9	198	2	0.0	54.4	53.5	54.0	53.9	0.0	53.4
9	15	9	258	2	58.1	57.2	57.6	57.6	57.7	0.0	0.0
9	17	9	260	2	58.1	57.4	57.7	57.7	57.9	0.0	0.0
9	26	9	269	2	58.0	57.7	58.0	58.0	58.1	0.0	0.0

FIELD TEMPERATURE DATA

DEGREES FAHRENHEIT

MO	DA	YR	DAY	NO	T27	T28	T29	T30	T31	T32
1	1	0	1	1	.	54.5	.	62.1	63.4	.
1	2	0	2	2	.	54.9	.	61.6	63.5	.
1	3	0	3	3	.	55.4	.	61.7	62.7	.
1	4	0	4	4	.	54.4	.	61.7	63.1	.
1	5	0	5	5	.	54.4	.	61.7	62.6	.
1	6	0	6	6	.	54.4	.	61.6	61.4	.
1	7	0	7	7	.	54.6	.	61.7	61.4	.
1	8	0	8	8	.	54.3	.	61.6	61.4	.
1	9	0	9	9	.	54.2	.	61.6	61.3	.
1	10	0	10	10	.	54.2	.	61.6	61.4	.
1	11	0	11	11	.	54.2	.	61.6	61.4	.
1	12	0	12	12	.	54.1	.	61.6	61.4	.
1	13	0	13	13	.	54.1	.	61.6	61.4	.
1	14	0	14	14	.	54.1	.	61.6	61.4	.
1	15	0	15	15	.	54.1	.	61.6	61.4	.
1	16	0	16	16	.	54.1	.	61.6	61.4	.
1	17	0	17	17	.	54.1	.	61.6	61.4	.
1	18	0	18	18	.	54.1	.	61.6	61.4	.
1	19	0	19	19	.	54.1	.	61.6	61.4	.
1	20	0	20	20	.	54.1	.	61.6	61.4	.
1	21	0	21	21	.	54.1	.	61.6	61.4	.
1	22	0	22	22	.	54.1	.	61.6	61.4	.
1	23	0	23	23	.	54.1	.	61.6	61.4	.
1	24	0	24	24	.	54.1	.	61.6	61.4	.
1	25	0	25	25	.	54.1	.	61.6	61.4	.
1	26	0	26	26	.	54.1	.	61.6	61.4	.
1	27	0	27	27	.	54.1	.	61.6	61.4	.
1	28	0	28	28	.	54.1	.	61.6	61.4	.
1	29	0	29	29	.	54.1	.	61.6	61.4	.
1	30	0	30	30	.	54.1	.	61.6	61.4	.
1	31	0	31	31	.	54.1	.	61.6	61.4	.
2	1	0	32	32	.	54.1	.	61.6	61.4	.
2	2	0	33	33	.	54.1	.	61.6	61.4	.
2	3	0	34	34	.	54.1	.	61.6	61.4	.
2	4	0	35	35	.	54.1	.	61.6	61.4	.
2	5	0	36	36	.	54.1	.	61.6	61.4	.
2	6	0	37	37	.	54.1	.	61.6	61.4	.
2	7	0	38	38	.	54.1	.	61.6	61.4	.
2	8	0	39	39	.	54.1	.	61.6	61.4	.
2	9	0	40	40	.	54.1	.	61.6	61.4	.
2	10	0	41	41	.	54.1	.	61.6	61.4	.
2	11	0	42	42	.	54.1	.	61.6	61.4	.
2	12	0	43	43	.	54.1	.	61.6	61.4	.
2	13	0	44	44	.	54.1	.	61.6	61.4	.
2	14	0	45	45	.	54.1	.	61.6	61.4	.
2	15	0	46	46	.	54.1	.	61.6	61.4	.
2	16	0	47	47	.	54.1	.	61.6	61.4	.
2	17	0	48	48	.	54.1	.	61.6	61.4	.
2	18	0	49	49	.	54.1	.	61.6	61.4	.
2	19	0	50	50	.	54.1	.	61.6	61.4	.
2	20	0	51	51	.	54.1	.	61.6	61.4	.
2	21	0	52	52	.	54.1	.	61.6	61.4	.
2	22	0	53	53	.	54.1	.	61.6	61.4	.
2	23	0	54	54	.	54.1	.	61.6	61.4	.

FIELD TEMPERATURE DATA

DEGREES FAHRENHEIT

MO	DA	YR	DAY	NO	T27	T28	T29	T30	T31	T32
2	24	0	55	2	0.3	52.4	0.0	37.3	40.0	0.
2	25	0	56	3	0.0	53.4	0.0	37.2	45.4	0.
2	26	0	57	4	0.3	54.4	0.0	37.4	48.3	0.
2	27	0	58	3	0.0	53.3	0.0	37.3	40.2	0.
2	28	0	59	2	0.0	53.2	0.0	37.3	48.2	0.
3	1	0	60	2	0.	53.0	0.	37.1	40.1	0.
3	2	0	61	2	0.	52.9	0.	37.1	40.	0.
3	3	0	62	2	0.	53.0	0.	37.1	47.	0.
3	4	0	63	2	0.	52.7	0.	37.	45.9	0.
3	5	0	64	2	0.	53.0	0.	37.1	45.5	0.
3	6	0	65	2	0.	52.8	0.	37.2	45.3	0.
3	7	0	66	2	0.	52.8	0.	37.1	45.7	0.
3	8	0	67	2	0.	52.9	0.	37.1	45.6	0.
3	9	0	68	3	0.	53.0	0.	37.	45.4	0.
3	10	0	69	2	0.	52.8	0.	37.	45.5	0.
3	11	0	70	2	0.	52.9	0.	37.1	45.3	0.
3	12	0	71	2	0.	52.8	0.	37.	45.4	0.
3	13	0	72	2	0.	52.7	0.	37.0	45.3	0.
3	14	0	73	3	0.	52.8	0.	37.0	45.3	0.
3	15	0	74	3	0.	52.8	0.	37.0	44.8	0.
3	16	0	75	3	0.	52.8	0.	37.	44.8	0.
3	17	0	76	3	0.	52.8	0.	37.7	44.5	0.
3	18	0	77	3	0.	52.7	0.	37.	44.7	0.
3	19	0	78	3	0.	52.7	0.	37.0	44.6	0.
3	20	0	79	3	0.	52.8	0.	37.	44.6	0.
3	21	0	80	3	0.	52.8	0.	37.0	44.5	0.
3	22	0	81	3	0.	52.8	0.	37.0	44.6	0.
3	23	0	82	3	0.	52.7	0.	37.0	44.5	0.
3	24	0	83	3	0.	52.7	0.	37.0	44.5	0.
3	25	0	84	3	0.	52.7	0.	37.0	44.5	0.
3	26	0	85	3	0.	52.7	0.	37.0	44.5	0.
3	27	0	86	3	0.	52.7	0.	37.	44.5	0.
3	28	0	87	3	0.	52.7	0.	37.0	44.5	0.
3	29	0	88	3	0.	52.7	0.	37.0	44.5	0.
3	30	0	89	3	0.	52.7	0.	37.0	44.5	0.
3	31	0	90	3	0.	52.7	0.	37.0	44.5	0.
4	1	0	91	3	0.	52.7	0.	37.1	44.5	0.
4	2	0	92	3	0.	52.7	0.	37.0	44.5	0.
4	3	0	93	3	0.	52.7	0.	37.0	44.5	0.
4	4	0	94	3	0.	52.7	0.	37.0	44.5	0.
4	5	0	95	3	0.	52.7	0.	37.0	44.5	0.
4	6	0	96	3	0.	52.7	0.	37.0	44.5	0.
4	7	0	97	3	0.	52.7	0.	37.0	44.5	0.
4	8	0	98	3	0.	52.7	0.	37.0	44.5	0.
4	9	0	99	3	0.	52.7	0.	37.0	44.5	0.
4	10	0	100	3	0.	52.7	0.	37.0	44.5	0.
4	11	0	101	3	0.	52.7	0.	37.0	44.5	0.
4	12	0	102	3	0.	52.7	0.	37.0	44.5	0.
4	13	0	103	3	0.	52.7	0.	37.0	44.5	0.
4	14	0	104	3	0.	52.7	0.	37.0	44.5	0.
4	15	0	105	3	0.	52.7	0.	37.0	44.5	0.
4	16	0	106	3	0.	52.7	0.	37.0	44.5	0.
4	17	0	107	3	0.	52.7	0.	37.0	44.5	0.
4	18	0	108	3	0.	52.7	0.	37.0	44.5	0.
4	19	0	109	3	0.	52.7	0.	37.0	44.5	0.
4	20	0	110	3	0.	52.7	0.	37.0	44.5	0.
4	21	0	111	3	0.	52.7	0.	37.0	44.5	0.
4	22	0	112	3	0.	52.7	0.	37.0	44.5	0.
4	23	0	113	3	0.	52.7	0.	37.0	44.5	0.
4	24	0	114	3	0.	52.7	0.	37.0	44.5	0.
4	25	0	115	3	0.	52.7	0.	37.0	44.5	0.

FIELD TEMPERATURE DATA

DEGREES FAHRENHEIT

MO	DA	YR	DAY NO.		TZ7	TJ6	T25	T24	T41	T42
4	26	9	116	3	.	52.7	.	47.7	45.2	.
4	27	9	117	3	.	53.7	.	47.7	44.5	.
4	28	9	118	3	.	53.1	.	47.1	45.1	.
4	30	9	120	3	.	52.1	.	47.1	45.7	.
5	1	9	121	3	.	51.1	.	46.1	45.1	.
5	2	9	122	3	.	49.0	.	45.1	44.1	.
5	4	9	124	3	.	50.1	.	46.1	45.1	.
5	6	9	126	3	.	51.1	.	46.1	45.1	.
5	8	9	128	3	.	51.1	.	47.1	46.7	.
5	9	9	129	3	.	51.1	.	47.1	46.1	.
5	10	9	130	3	.	51.1	.	47.1	46.1	.
5	12	9	132	3	.	51.1	.	47.1	46.1	.
5	13	9	133	3	.	51.1	.	47.1	46.1	.
5	23	9	143	3	.	51.1	.	47.1	46.7	.
5	24	9	144	3	.	51.1	.	47.1	46.1	.
5	26	9	146	3	.	51.1	.	47.1	46.1	.
5	27	9	147	3	.	51.1	.	47.1	46.1	.
5	28	9	148	3	.	51.1	.	47.1	46.1	.
5	29	9	149	3	.	51.1	.	47.1	46.1	.
5	30	9	150	3	.	51.1	.	47.1	46.1	.
5	31	9	151	3	.	51.1	.	47.1	46.1	.
6	2	9	153	3	.	51.1	.	47.1	46.1	.
6	3	9	154	3	.	51.1	.	47.1	46.1	.
6	4	9	155	3	.	51.1	.	47.1	46.1	.
6	6	9	157	3	.	51.1	.	47.1	46.1	.
6	7	9	158	3	.	51.1	.	47.1	46.1	.
6	8	9	159	3	.	51.1	.	47.1	46.1	.
6	10	9	161	3	.	51.1	.	47.1	46.1	.
6	11	9	162	3	.	51.1	.	47.1	46.1	.
6	12	9	163	3	.	51.1	.	47.1	46.1	.
6	14	9	165	3	.	51.1	.	47.1	46.1	.
6	15	9	166	3	.	51.1	.	47.1	46.1	.
6	17	9	168	3	.	51.1	.	47.1	46.1	.
6	18	9	169	3	.	51.1	.	47.1	46.1	.
6	19	9	170	3	.	51.1	.	47.1	46.1	.
6	21	9	172	3	.	51.1	.	47.1	46.1	.
6	22	9	173	3	.	51.1	.	47.1	46.1	.
6	23	9	174	3	.	51.1	.	47.1	46.1	.
6	24	9	175	3	.	51.1	.	47.1	46.1	.
6	25	9	176	3	.	51.1	.	47.1	46.1	.
6	26	9	177	3	.	51.1	.	47.1	46.1	.
6	27	9	178	3	.	51.1	.	47.1	46.1	.
6	28	9	179	3	.	51.1	.	47.1	46.1	.
6	29	9	180	3	.	51.1	.	47.1	46.1	.
6	30	9	181	3	.	51.1	.	47.1	46.1	.
7	1	9	183	3	.	51.1	.	47.1	46.1	.
7	2	9	184	3	.	51.1	.	47.1	46.1	.
7	3	9	185	3	.	51.1	.	47.1	46.1	.
7	5	9	187	3	.	51.1	.	47.1	46.1	.
7	7	9	189	3	.	51.1	.	47.1	46.1	.

FIELD TEMPERATURE DATA

DEGREES FAHRENHEIT

MO	DA	YR	DAY	HR	T27	T28	T29	T30	T31	T32
7	9	0	189	3	.	84.1	.	.	85.1	.
7	10	0	190	3	.	84.4	.	.	86.1	.
7	11	0	191	3	.	84.4	.	.	86.1	.
7	11	0	192	3	.	84.5	.	.	86.2	.
7	12	0	193	3	.	84.5	.	.	86.2	.
7	13	0	194	3	.	84.5	.	.	86.2	.
7	14	0	195	3	.	84.5	.	.	86.2	.
7	15	0	196	3	.	84.5	.	.	86.2	.
7	16	0	197	3	.	84.5	.	.	86.2	.
7	17	0	198	3	.	84.5	.	.	86.2	.
7	18	0	199	3	.	84.5	.	.	86.2	.
7	19	0	200	3	.	84.5	.	.	86.2	.

FIELD TEMPERATURE DATA

DEGREES FAHRENHEIT

MO	DA	YR	DAY	NO	T33	T34	T35	T36	T37	T38	T39
1	1	0	1	3	54.4	42.	51.0	55.7	54.	41.3	51.
1	2	0	2	3	54.0	41.7	51.7	55.	54.	41.3	51.7
1	3	0	3	3	54.4	41.6	51.5	55.	54.	41.4	51.
1	4	0	4	3	54.4	41.5	51.4	55.1	54.	41.4	51.
1	5	0	5	3	54.3	41.	51.3	55.	54.	41.4	51.7
1	6	0	6	3	54.1	41.3	51.1	55.	54.	41.1	51.
1	7	0	7	3	54.4	41.1	51.	54.9	54.	41.	51.4
1	8	0	8	3	54.4	41.	50.7	54.9	54.	41.0	51.3
1	9	0	9	3	54.4	41.7	51.	54.9	54.	41.1	51.
1	10	0	10	3	54.4	41.7	51.	54.7	54.	41.4	51.
1	11	0	11	3	54.4	41.4	51.3	54.7	54.	41.3	51.
1	12	0	12	3	54.4	41.	51.2	54.6	53.9	41.1	51.7
1	13	0	13	3	54.4	41.1	51.1	54.6	53.9	41.	51.
1	14	0	14	3	54.4	41.1	51.3	54.6	53.9	41.	51.
1	15	0	15	3	54.4	41.	51.3	54.6	53.8	40.7	51.
1	16	0	16	3	54.7	41.7	51.6	54.9	54.	41.	51.
1	17	0	17	3	54.7	41.	51.4	54.8	54.	41.	51.
1	18	0	18	3	54.7	41.	51.5	54.8	54.	41.	51.
1	19	0	19	3	54.7	41.	51.4	54.8	54.	41.	51.
1	20	0	20	3	54.7	41.1	51.3	54.7	54.	41.	51.
1	21	0	21	3	54.7	41.1	51.	54.	53.7	40.7	51.
1	22	0	22	3	54.	41.	51.	54.	53.7	41.	51.
1	23	0	23	3	54.	41.	51.	54.	53.7	41.	51.
1	24	0	24	3	54.	41.	51.7	54.	53.7	41.	51.
1	25	0	25	3	54.	41.7	51.	54.	53.7	41.	51.
1	26	0	26	3	54.	41.7	51.4	54.7	53.7	41.	51.
1	27	0	27	3	54.	41.	51.	54.	53.7	41.	51.
1	28	0	28	3	54.	41.	51.1	54.	53.7	41.7	51.
1	29	0	29	3	54.	41.	51.	54.	53.7	41.	51.
1	30	0	30	3	54.	41.	47.	54.	53.7	41.	51.
1	31	0	31	3	54.	41.	47.1	54.	53.7	41.	51.
2	1	0	32	3	54.	41.	47.7	54.	53.7	41.	51.
2	2	0	33	3	54.	41.	47.	54.	53.7	41.	51.
2	3	0	34	3	54.	41.	47.	54.	53.7	41.	51.
2	4	0	35	3	54.	41.	47.	54.	53.7	41.	51.
2	5	0	36	3	54.	41.	47.	54.	53.7	41.	51.
2	6	0	37	3	54.	41.	47.	54.	53.7	41.	51.
2	7	0	38	3	54.	41.	47.	54.	53.7	41.	51.
2	8	0	39	3	54.	41.	47.	54.	53.7	41.	51.
2	9	0	40	3	54.	41.	47.	54.	53.7	41.	51.
2	10	0	41	3	54.	41.	47.	54.	53.7	41.	51.
2	11	0	42	3	54.	41.	47.	54.	53.7	41.	51.
2	12	0	43	3	54.	41.	47.	54.	53.7	41.	51.
2	13	0	44	3	54.	41.	47.	54.	53.7	41.	51.
2	14	0	45	3	54.	41.	47.	54.	53.7	41.	51.
2	15	0	46	3	54.	41.	47.	54.	53.7	41.	51.
2	16	0	47	3	54.	41.	47.	54.	53.7	41.	51.
2	17	0	48	3	54.	41.	47.	54.	53.7	41.	51.
2	18	0	49	3	54.	41.	47.	54.	53.7	41.	51.
2	19	0	50	3	54.	41.	47.	54.	53.7	41.	51.
2	20	0	51	3	54.	41.	47.	54.	53.7	41.	51.
2	21	0	52	3	54.	41.	47.	54.	53.7	41.	51.
2	22	0	53	3	54.	41.	47.	54.	53.7	41.	51.

FIELD TEMPERATURE DATA

DEGREES FAHRENHEIT

MO	DA	YR	DAY	HR	T34	T34	T35	T36	T37	T38	T39
2	24	0	55	3	43.1	47.4	49.6	51.6	49.1	47.7	44.1
2	25	0	56	3	44.1	47.4	49.6	51.6	49.1	47.7	44.1
2	26	0	57	3	44.1	47.4	49.5	51.7	49.1	47.7	44.1
2	27	0	58	3	44.1	47.4	49.5	51.7	49.1	47.7	44.1
2	28	0	59	3	44.1	47.4	49.5	51.7	49.1	47.7	44.1
3	1	0	0	1	44.1	47.4	49.5	51.7	49.1	47.7	44.1
3	2	0	1	3	44.1	47.4	49.5	51.7	49.1	47.7	44.1
3	3	0	2	3	44.1	47.4	49.5	51.7	49.1	47.7	44.1
3	4	0	3	3	44.1	47.4	49.5	51.7	49.1	47.7	44.1
3	5	0	4	3	44.1	47.4	49.5	51.7	49.1	47.7	44.1
3	6	0	5	3	44.1	47.4	49.5	51.7	49.1	47.7	44.1
3	7	0	6	3	44.1	47.4	49.5	51.7	49.1	47.7	44.1
3	8	0	7	3	44.1	47.4	49.5	51.7	49.1	47.7	44.1
3	9	0	8	3	44.1	47.4	49.5	51.7	49.1	47.7	44.1
3	10	0	9	3	44.1	47.4	49.5	51.7	49.1	47.7	44.1
3	11	0	10	3	44.1	47.4	49.5	51.7	49.1	47.7	44.1
3	12	0	11	3	44.1	47.4	49.5	51.7	49.1	47.7	44.1
3	13	0	12	3	44.1	47.4	49.5	51.7	49.1	47.7	44.1
3	14	0	13	3	44.1	47.4	49.5	51.7	49.1	47.7	44.1
3	15	0	14	3	44.1	47.4	49.5	51.7	49.1	47.7	44.1
3	16	0	15	3	44.1	47.4	49.5	51.7	49.1	47.7	44.1
3	17	0	16	3	44.1	47.4	49.5	51.7	49.1	47.7	44.1
3	18	0	17	3	44.1	47.4	49.5	51.7	49.1	47.7	44.1
3	19	0	18	3	44.1	47.4	49.5	51.7	49.1	47.7	44.1
3	20	0	19	3	44.1	47.4	49.5	51.7	49.1	47.7	44.1
3	21	0	20	3	44.1	47.4	49.5	51.7	49.1	47.7	44.1
3	22	0	21	3	44.1	47.4	49.5	51.7	49.1	47.7	44.1
3	23	0	22	3	44.1	47.4	49.5	51.7	49.1	47.7	44.1
3	24	0	23	3	44.1	47.4	49.5	51.7	49.1	47.7	44.1
3	25	0	24	3	44.1	47.4	49.5	51.7	49.1	47.7	44.1
3	26	0	25	3	44.1	47.4	49.5	51.7	49.1	47.7	44.1
3	27	0	26	3	44.1	47.4	49.5	51.7	49.1	47.7	44.1
3	28	0	27	3	44.1	47.4	49.5	51.7	49.1	47.7	44.1
3	29	0	28	3	44.1	47.4	49.5	51.7	49.1	47.7	44.1
3	30	0	29	3	44.1	47.4	49.5	51.7	49.1	47.7	44.1
3	31	0	30	3	44.1	47.4	49.5	51.7	49.1	47.7	44.1
4	1	0	31	3	44.1	47.4	49.5	51.7	49.1	47.7	44.1
4	2	0	32	3	44.1	47.4	49.5	51.7	49.1	47.7	44.1
4	3	0	33	3	44.1	47.4	49.5	51.7	49.1	47.7	44.1
4	4	0	34	3	44.1	47.4	49.5	51.7	49.1	47.7	44.1
4	5	0	35	3	44.1	47.4	49.5	51.7	49.1	47.7	44.1
4	6	0	36	3	44.1	47.4	49.5	51.7	49.1	47.7	44.1
4	7	0	37	3	44.1	47.4	49.5	51.7	49.1	47.7	44.1
4	8	0	38	3	44.1	47.4	49.5	51.7	49.1	47.7	44.1
4	9	0	39	3	44.1	47.4	49.5	51.7	49.1	47.7	44.1
4	10	0	40	3	44.1	47.4	49.5	51.7	49.1	47.7	44.1
4	11	0	41	3	44.1	47.4	49.5	51.7	49.1	47.7	44.1
4	12	0	42	3	44.1	47.4	49.5	51.7	49.1	47.7	44.1
4	13	0	43	3	44.1	47.4	49.5	51.7	49.1	47.7	44.1
4	14	0	44	3	44.1	47.4	49.5	51.7	49.1	47.7	44.1
4	15	0	45	3	44.1	47.4	49.5	51.7	49.1	47.7	44.1
4	16	0	46	3	44.1	47.4	49.5	51.7	49.1	47.7	44.1
4	17	0	47	3	44.1	47.4	49.5	51.7	49.1	47.7	44.1
4	18	0	48	3	44.1	47.4	49.5	51.7	49.1	47.7	44.1
4	19	0	49	3	44.1	47.4	49.5	51.7	49.1	47.7	44.1
4	20	0	50	3	44.1	47.4	49.5	51.7	49.1	47.7	44.1
4	21	0	51	3	44.1	47.4	49.5	51.7	49.1	47.7	44.1
4	22	0	52	3	44.1	47.4	49.5	51.7	49.1	47.7	44.1
4	23	0	53	3	44.1	47.4	49.5	51.7	49.1	47.7	44.1
4	24	0	54	3	44.1	47.4	49.5	51.7	49.1	47.7	44.1
4	25	0	55	3	44.1	47.4	49.5	51.7	49.1	47.7	44.1
4	26	0	56	3	44.1	47.4	49.5	51.7	49.1	47.7	44.1
4	27	0	57	3	44.1	47.4	49.5	51.7	49.1	47.7	44.1
4	28	0	58	3	44.1	47.4	49.5	51.7	49.1	47.7	44.1
4	29	0	59	3	44.1	47.4	49.5	51.7	49.1	47.7	44.1
4	30	0	60	3	44.1	47.4	49.5	51.7	49.1	47.7	44.1

FIELD TEMPERATURE DATA

DEGREES FAHRENHEIT

MO	DA	YR	DAY	SC	T33	T34	T35	T36	T37	T38	T39
4	28	0	116	3	.	47.5	45.2	46.6	51.2	47.7	45.4
4	29	0	117	3	.	47.0	45.4	46.7	51.3	47.8	45.7
4	30	0	118	3	.	47.0	45.5	46.7	51.3	48.1	45.9
4	30	0	120	3	.	47.0	45.7	46.7	50.8	48.4	45.9
5	1	0	121	3	.	46.6	45.3	46.7	50.3	48.1	46.1
5	2	0	122	3	.	46.3	45.7	46.4	50.3	48.3	46.3
5	3	0	123	3	.	46.5	46.0	46.0	50.3	48.6	47.3
5	4	0	124	3	.	46.3	46.4	.	50.3	48.4	46.7
5	5	0	125	3	.	46.3	46.7	.	50.4	51.3	47.
5	6	0	126	3	.	46.0	46.7	.	50.3	51.7	47.1
5	10	0	130	3	.	46.1	46.4	.	50.3	52.1	47.
5	12	0	132	3	.	46.3	47.1	.	50.7	52.4	47.
5	13	0	133	3	.	46.3	47.3	.	50.7	52.7	47.
5	23	0	143	3	.	46.3	46.4	.	50.3	52.1	46.7
5	24	0	144	3	.	46.3	46.3	.	50.3	52.1	46.7
5	25	0	145	3	.	46.3	46.3	.	50.3	52.7	46.7
5	27	0	147	3	.	46.3	46.3	.	50.7	52.7	46.7
5	28	0	148	3	.	46.3	46.3	.	50.7	52.7	46.7
5	29	0	149	3	.	46.3	46.3	.	50.7	52.7	46.7
5	30	0	150	3	.	46.7	46.3	.	50.7	52.7	46.7
5	31	0	151	3	.	46.7	46.3	.	50.7	52.7	46.7
6	1	0	152	3	.	47.0	46.3	.	50.7	52.7	46.7
6	2	0	153	3	.	47.3	46.3	.	50.7	52.7	46.7
6	3	0	154	3	.	47.3	46.3	.	50.7	52.7	46.7
6	4	0	155	3	.	47.3	46.3	.	50.7	52.7	46.7
6	5	0	156	3	.	47.3	46.3	.	50.7	52.7	46.7
6	6	0	157	3	.	47.3	46.3	.	50.7	52.7	46.7
6	7	0	158	3	.	47.3	46.3	.	50.7	52.7	46.7
6	8	0	159	3	.	47.3	46.3	.	50.7	52.7	46.7
6	9	0	160	3	.	47.3	46.3	.	50.7	52.7	46.7
6	10	0	161	3	.	47.3	46.3	.	50.7	52.7	46.7
6	11	0	162	3	.	47.3	46.3	.	50.7	52.7	46.7
6	12	0	163	3	.	47.3	46.3	.	50.7	52.7	46.7
6	13	0	164	3	.	47.3	46.3	.	50.7	52.7	46.7
6	14	0	165	3	.	47.3	46.3	.	50.7	52.7	46.7
6	15	0	166	3	.	47.3	46.3	.	50.7	52.7	46.7
6	16	0	167	3	.	47.3	46.3	.	50.7	52.7	46.7
6	17	0	168	3	.	47.3	46.3	.	50.7	52.7	46.7
6	18	0	169	3	.	47.3	46.3	.	50.7	52.7	46.7
6	19	0	170	3	.	47.3	46.3	.	50.7	52.7	46.7
6	20	0	171	3	.	47.3	46.3	.	50.7	52.7	46.7
6	21	0	172	3	.	47.3	46.3	.	50.7	52.7	46.7
6	22	0	173	3	.	47.3	46.3	.	50.7	52.7	46.7
6	23	0	174	3	.	47.3	46.3	.	50.7	52.7	46.7
6	24	0	175	3	.	47.3	46.3	.	50.7	52.7	46.7
6	25	0	176	3	.	47.3	46.3	.	50.7	52.7	46.7
6	26	0	177	3	.	47.3	46.3	.	50.7	52.7	46.7
6	27	0	178	3	.	47.3	46.3	.	50.7	52.7	46.7
6	28	0	179	3	.	.	.	.	.	.	.
6	29	0	180	3	.	.	.	.	.	.	.
6	30	0	181	3	.	.	.	.	.	.	.
7	1	0	182	3	.	.	.	.	.	.	.
7	2	0	183	3	.	.	.	.	.	.	.
7	3	0	184	3	.	.	.	.	.	.	.
7	4	0	185	3	.	.	.	.	.	.	.
7	5	0	186	3	.	.	.	.	.	.	.
7	6	0	187	3	.	.	.	.	.	.	.
7	7	0	188	3	.	.	.	.	.	.	.

FIELD TEMPERATURE DATA

DEGREES FAHRENHEIT

MO	DA	YR	DAY NO.	T33	T34	T35	T36	T37	T38	T39
7	8	9	189	3	[illegible]	[illegible]	51.0	53.8	64.1	58.2
7	9	9	190	3	[illegible]	[illegible]	51.1	52.8	64.2	58.4
7	10	9	191	3	[illegible]	[illegible]	51.2	52.8	64.2	58.4
7	11	9	192	3	[illegible]	[illegible]	51.2	52.8	64.2	58.4
7	12	9	193	3	[illegible]	[illegible]	51.2	52.8	64.2	58.6
7	13	9	194	3	[illegible]	[illegible]	51.3	51.8	64.2	58.7
7	14	9	195	3	[illegible]	[illegible]	51.3	51.8	64.2	58.8
7	15	9	196	3	[illegible]	[illegible]	51.3	51.8	64.3	58.9
7	16	9	197	3	[illegible]	[illegible]	51.4	51.8	64.3	57.1
7	17	9	198	3	[illegible]	[illegible]	51.5	51.8	64.3	57.1
9	15	9	258	3	53.4	[illegible]	41.4	55.2	52.4	64.4	41.3
9	17	9	260	3	53.7	[illegible]	41.5	55.4	52.8	64.4	41.4
9	26	9	269	3	54.9	[illegible]	41.6	55.5	52.9	64.9	41.4

FIELD TEMPERATURE DATA

DEGREES FAHRENHEIT

MO	DA	YR	DAY	NO	T40	T41	T42	T43	T44	T45
1	1	0	1	4	54.7	54.3	40.6	50.7	55.3	48.4
1	2	0	2	4	54.7	54.2	40.4	50.4	55.2	48.3
1	3	0	3	4	54.6	54.2	40.3	50.1	55.1	48.0
1	4	0	4	4	54.5	54.3	40.2	49.9	55.0	47.9
1	5	0	5	4	54.4	54.2	40.1	49.8	55.0	47.8
1	6	0	6	4	54.4	54.2	39.9	49.6	54.9	47.6
1	7	0	7	4	54.3	54.2	39.7	49.5	54.8	47.4
1	8	0	8	4	54.2	54.1	39.5	49.3	54.7	47.3
1	9	0	9	4	54.1	54.1	39.3	49.2	54.6	47.1
1	10	0	10	4	54.1	54.1	39.0	49.1	54.5	46.9
1	11	0	11	4	54.0	54.0	38.9	48.9	54.4	46.7
1	12	0	12	4	53.9	54.0	38.7	48.7	54.3	46.5
1	13	0	13	4	53.8	54.0	38.7	48.6	54.2	46.4
1	14	0	14	4	53.8	54.0	38.6	48.5	54.1	46.3
1	15	0	15	4	53.8	54.0	38.4	48.3	54.1	46.1
1	16	0	16	4	53.7	54.0	38.3	48.2	54.0	46.0
1	17	0	17	4	53.7	53.9	38.1	48.0	53.9	45.8
1	18	0	18	4	53.6	53.9	38.0	47.9	53.8	45.7
1	19	0	19	4	53.6	53.9	38.0	47.9	53.8	45.7
1	20	0	20	4	53.6	53.8	37.9	47.8	53.8	45.6
1	21	0	21	4	53.6	53.8	37.8	47.8	53.8	45.6
1	22	0	22	4	53.6	53.8	37.8	47.8	53.8	45.6
1	23	0	23	4	53.6	53.8	37.8	47.8	53.8	45.6
1	24	0	24	4	53.6	53.8	37.8	47.8	53.8	45.6
1	25	0	25	4	53.6	53.8	37.8	47.8	53.8	45.6
1	26	0	26	4	53.6	53.8	37.8	47.8	53.8	45.6
1	27	0	27	4	53.6	53.8	37.8	47.8	53.8	45.6
1	28	0	28	4	53.6	53.8	37.8	47.8	53.8	45.6
1	29	0	29	4	53.6	53.8	37.8	47.8	53.8	45.6
1	30	0	30	4	53.6	53.8	37.8	47.8	53.8	45.6
1	31	0	31	4	53.6	53.8	37.8	47.8	53.8	45.6
2	1	0	32	4	53.6	53.8	37.8	47.8	53.8	45.6
2	2	0	33	4	53.6	53.8	37.8	47.8	53.8	45.6
2	3	0	34	4	53.6	53.8	37.8	47.8	53.8	45.6
2	4	0	35	4	53.6	53.8	37.8	47.8	53.8	45.6
2	5	0	36	4	53.6	53.8	37.8	47.8	53.8	45.6
2	6	0	37	4	53.6	53.8	37.8	47.8	53.8	45.6
2	7	0	38	4	53.6	53.8	37.8	47.8	53.8	45.6
2	8	0	39	4	53.6	53.8	37.8	47.8	53.8	45.6
2	9	0	40	4	53.6	53.8	37.8	47.8	53.8	45.6
2	10	0	41	4	53.6	53.8	37.8	47.8	53.8	45.6
2	11	0	42	4	53.6	53.8	37.8	47.8	53.8	45.6
2	12	0	43	4	53.6	53.8	37.8	47.8	53.8	45.6
2	13	0	44	4	53.6	53.8	37.8	47.8	53.8	45.6
2	14	0	45	4	53.6	53.8	37.8	47.8	53.8	45.6
2	15	0	46	4	53.6	53.8	37.8	47.8	53.8	45.6
2	16	0	47	4	53.6	53.8	37.8	47.8	53.8	45.6
2	17	0	48	4	53.6	53.8	37.8	47.8	53.8	45.6
2	18	0	49	4	53.6	53.8	37.8	47.8	53.8	45.6
2	19	0	50	4	53.6	53.8	37.8	47.8	53.8	45.6
2	20	0	51	4	53.6	53.8	37.8	47.8	53.8	45.6
2	21	0	52	4	53.6	53.8	37.8	47.8	53.8	45.6
2	22	0	53	4	53.6	53.8	37.8	47.8	53.8	45.6
2	23	0	54	4	53.6	53.8	37.8	47.8	53.8	45.6

FIELD TEMPERATURE DATA

DEGREES FAHRENHEIT

MO	DA	YR	DAY NO		T40	T41	T42	T43	T44	T45
2	24	0	55	4	51.3	53.0	36.6	44.5	50.9	42.7
2	25	0	56	4	51.2	53.0	36.6	44.4	50.9	42.7
2	26	0	57	4	51.1	53.0	36.7	44.4	50.8	42.6
2	27	0	58	4	51.1	53.0	36.5	44.4	50.8	42.4
2	28	0	59	4	51.0	52.9	36.5	44.4	50.7	42.3
3	1	0	60	4	51.0	52.9	36.5	44.4	50.6	42.2
3	2	0	61	4	50.9	52.9	36.5	44.3	50.5	42.1
3	3	0	62	4	50.9	52.9	36.5	44.3	50.5	42.1
3	4	0	63	4	50.8	52.9	36.4	44.2	50.4	42.0
3	5	0	64	4	51.2	52.8	36.4	44.2	50.3	42.0
3	6	0	65	4	50.8	52.8	36.3	44.2	50.3	42.0
3	7	0	66	4	50.7	52.7	36.4	44.0	50.2	41.9
3	8	0	67	4	50.7	52.7	36.4	44.0	50.2	41.9
3	9	0	68	4	50.6	52.7	36.3	44.0	50.1	41.8
3	10	0	69	4	50.7	52.7	36.3	44.0	50.1	41.8
3	11	0	70	4	50.7	52.6	36.5	44.1	50.1	41.8
3	12	0	71	4	50.7	52.6	36.4	43.9	49.9	41.8
3	13	0	72	4	50.4	52.6	36.5	43.7	49.8	41.8
3	14	0	73	4	50.3	52.6	36.4	43.8	49.8	41.8
3	15	0	74	4	49.9	52.4	37.7	43.9	49.8	42.0
3	16	0	75	4	50.1	52.4	37.2	43.6	49.8	42.0
3	17	0	76	4	49.8	52.3	37.5	43.3	49.6	41.8
3	18	0	77	4	49.9	52.2	37.5	43.3	49.4	41.8
3	19	0	78	4	49.8	52.4	38.6	43.5	49.5	41.8
3	20	0	79	4	49.8	52.3	38.5	43.6	49.4	41.9
3	21	0	80	4	49.8	52.3	38.8	43.5	49.4	41.7
3	22	0	81	4	49.4	51.8	38.8	43.1	49.3	41.4
3	23	0	82	4	49.3	51.9	40.1	43.1	49.2	41.5
3	24	0	83	4	49.3	51.9	40.4	43.2	49.2	41.6
3	25	0	84	4	49.3	51.9	40.6	43.3	49.2	41.7
3	26	0	85	4	49.3	51.8	40.7	43.5	49.2	42.0
3	27	0	86	4	49.3	51.8	41.0	43.4	49.2	42.2
3	28	0	87	4	49.1	51.8	40.8	43.7	49.1	42.2
3	29	0	88	4	49.1	51.8	40.9	43.7	49.1	42.3
3	30	0	89	4	49.0	51.7	41.1	43.7	49.1	42.5
3	31	0	90	4	49.0	51.7	41.5	43.8	49.1	42.5
4	1	0	91	4	48.8	51.6	42.4	44.1	49.1	42.7
4	2	0	92	4	48.8	51.6	42.3	44.1	49.0	42.8
4	3	0	93	4	48.8	51.6	43.2	44.2	49.0	43.0
4	4	0	94	4	48.8	51.5	43.2	44.2	49.0	43.0
4	5	0	95	4	48.7	51.5	43.2	44.2	49.0	43.0
4	6	0	96	4	48.7	51.5	43.2	44.2	49.0	43.0
4	7	0	97	4	48.7	51.4	43.2	44.2	49.0	43.0
4	8	0	98	4	48.7	51.4	43.2	44.2	49.0	43.0
4	9	0	99	4	48.7	51.4	43.2	44.2	49.0	43.0
4	10	0	100	4	48.7	51.4	43.2	44.2	49.0	43.0
4	11	0	101	4	48.7	51.4	43.2	44.2	49.0	43.0
4	12	0	102	4	48.7	51.4	43.2	44.2	49.0	43.0
4	13	0	103	4	48.7	51.4	43.2	44.2	49.0	43.0
4	14	0	104	4	48.7	51.4	43.2	44.2	49.0	43.0
4	15	0	105	4	48.7	51.4	43.2	44.2	49.0	43.0
4	16	0	106	4	48.7	51.4	43.2	44.2	49.0	43.0
4	17	0	107	4	48.7	51.4	43.2	44.2	49.0	43.0
4	18	0	108	4	48.7	51.4	43.2	44.2	49.0	43.0
4	19	0	109	4	48.7	51.4	43.2	44.2	49.0	43.0
4	20	0	110	4	48.7	51.4	43.2	44.2	49.0	43.0
4	21	0	111	4	48.7	51.4	43.2	44.2	49.0	43.0
4	22	0	112	4	48.7	51.4	43.2	44.2	49.0	43.0
4	23	0	113	4	48.7	51.4	43.2	44.2	49.0	43.0
4	24	0	114	4	48.7	51.4	43.2	44.2	49.0	43.0
4	25	0	115	4	48.7	51.4	43.2	44.2	49.0	43.0

FIELD TEMPERATURE DATA

DEGREES FAHRENHEIT

MO	DA	YR	DAY	NO	T40	T41	T42	T43	T44	T45
4	24	9	114	4	49.9	51.2	49.5	46.4	48.3	46.4
4	25	9	115	4	49.3	51.2	49.7	46.7	48.3	46.7
4	26	9	116	4	48.7	51.1	51.1	46.9	48.4	46.9
4	27	9	117	4	48.8	51.1	50.7	46.6	48.4	47.1
4	28	9	118	4	48.8	51.1	51.2	47.1	48.4	47.2
4	29	9	119	4	49.2	51.1	51.4	47.2	48.4	47.4
4	30	9	120	4	48.9	51.1	51.5	47.4	48.5	47.6
5	1	9	121	4	48.8	51.1	52.6	47.9	48.6	48.2
5	2	9	122	4	49.6	50.9	53.6	48.1	48.6	48.4
5	3	9	123	4	49.5	51.1	53.9	48.2	48.9	48.8
5	4	9	124	4	49.5	50.9	54.3	48.5	48.7	49.0
5	5	9	125	4	49.5	50.9	54.7	48.9	48.8	49.4
5	6	9	126	4	49.5	50.8	54.7	48.7	48.8	49.7
5	7	9	127	4	49.6	50.8	55.2	48.8	48.9	51.2
5	8	9	128	4	49.7	50.8	55.4	48.7	48.9	51.5
5	9	9	129	4	49.7	50.8	55.3	48.6	48.4	51.9
5	10	9	130	4	49.6	50.9	56.3	48.4	48.6	52.2
5	11	9	131	4	49.1	50.9	56.4	48.4	48.6	52.4
5	12	9	132	4	49.1	50.9	56.6	48.6	48.7	52.5
5	13	9	133	4	48.6	50.9	56.4	48.6	48.8	52.9
5	14	9	134	4	48.7	50.8	56.4	48.8	48.8	52.9
5	15	9	135	4	48.1	50.9	56.3	48.9	48.9	53.3
5	16	9	136	4	47.7	50.8	56.6	48.6	48.8	53.6
5	17	9	137	4	47.7	50.8	56.4	48.4	48.1	53.8
5	18	9	138	4	48.1	50.6	56.6	48.3	48.2	54.2
5	19	9	139	4	48.7	50.6	57.0	48.3	48.3	54.5
5	20	9	140	4	48.7	50.6	57.3	48.3	48.4	55.0
5	21	9	141	4	48.6	50.6	57.7	48.7	48.5	55.2
5	22	9	142	4	48.6	50.6	57.8	48.6	48.4	55.4
5	23	9	143	4	48.6	50.6	58.0	48.1	48.6	55.6
5	24	9	144	4	48.6	50.6	58.4	48.1	48.7	56.0
5	25	9	145	4	48.6	50.6	58.7	48.1	48.7	56.2
5	26	9	146	4	48.6	50.6	58.7	48.1	48.7	56.2
5	27	9	147	4	48.6	50.6	58.7	48.1	48.7	56.3
5	28	9	148	4	48.6	50.6	58.7	48.1	48.7	56.3
5	29	9	149	4	48.6	50.6	58.7	48.1	48.7	56.3
5	30	9	150	4	48.6	50.6	58.7	48.1	48.7	56.3
5	31	9	151	4	48.6	50.6	58.7	48.1	48.7	56.3
6	1	9	152	4	48.6	50.6	58.7	48.1	48.7	56.3
6	2	9	153	4	48.6	50.6	58.7	48.1	48.7	56.3
6	3	9	154	4	48.6	50.6	58.7	48.1	48.7	56.3
6	4	9	155	4	48.6	50.6	58.7	48.1	48.7	56.3
6	5	9	156	4	48.6	50.6	58.7	48.1	48.7	56.3
6	6	9	157	4	48.6	50.6	58.7	48.1	48.7	56.3
6	7	9	158	4	48.6	50.6	58.7	48.1	48.7	56.3
6	8	9	159	4	48.6	50.6	58.7	48.1	48.7	56.3
6	9	9	160	4	48.6	50.6	58.7	48.1	48.7	56.3
6	10	9	161	4	48.6	50.6	58.7	48.1	48.7	56.3
6	11	9	162	4	48.6	50.6	58.7	48.1	48.7	56.3
6	12	9	163	4	48.6	50.6	58.7	48.1	48.7	56.3
6	13	9	164	4	48.6	50.6	58.7	48.1	48.7	56.3
6	14	9	165	4	48.6	50.6	58.7	48.1	48.7	56.3
6	15	9	166	4	48.6	50.6	58.7	48.1	48.7	56.3
6	16	9	167	4	48.6	50.6	58.7	48.1	48.7	56.3
6	17	9	168	4	48.6	50.6	58.7	48.1	48.7	56.3
6	18	9	169	4	48.6	50.6	58.7	48.1	48.7	56.3
6	19	9	170	4	48.6	50.6	58.7	48.1	48.7	56.3
6	20	9	171	4	48.6	50.6	58.7	48.1	48.7	56.3
6	21	9	172	4	48.6	50.6	58.7	48.1	48.7	56.3
6	22	9	173	4	48.6	50.6	58.7	48.1	48.7	56.3
6	23	9	174	4	48.6	50.6	58.7	48.1	48.7	56.3
6	24	9	175	4	48.6	50.6	58.7	48.1	48.7	56.3
6	25	9	176	4	48.6	50.6	58.7	48.1	48.7	56.3
6	26	9	177	4	48.6	50.6	58.7	48.1	48.7	56.3
6	27	9	178	4	48.6	50.6	58.7	48.1	48.7	56.3
6	28	9	179	4	48.6	50.6	58.7	48.1	48.7	56.3
6	29	9	180	4	48.6	50.6	58.7	48.1	48.7	56.3
6	30	9	181	4	48.6	50.6	58.7	48.1	48.7	56.3
7	1	9	182	4	48.6	50.6	58.7	48.1	48.7	56.3
7	2	9	183	4	48.6	50.6	58.7	48.1	48.7	56.3
7	3	9	184	4	48.6	50.6	58.7	48.1	48.7	56.3
7	4	9	185	4	48.6	50.6	58.7	48.1	48.7	56.3
7	5	9	186	4	48.6	50.6	58.7	48.1	48.7	56.3
7	6	9	187	4	48.6	50.6	58.7	48.1	48.7	56.3
7	7	9	188	4	48.6	50.6	58.7	48.1	48.7	56.3

FIELD TEMPERATURE DATA

DEGREES FAHRENHEIT

MO	DA	YR	DAY NO		T40	T41	T42	T43	T44	T45
7	8	0	189	4	51.2	51.4	67.2	58.3	52.7	59.8
7	9	0	190	4	51.3	51.2	67.0	58.5	52.7	60.0
7	10	0	191	4	51.4	51.3	66.9	58.6	52.9	60.1
7	11	0	192	4	51.5	51.4	66.7	58.8	53.0	60.2
7	12	0	193	4	51.5	51.2	66.6	58.9	52.9	60.5
7	13	0	194	4	51.6	51.3	66.6	58.9	53.0	60.6
7	14	0	195	4	51.6	51.3	66.7	59.0	53.1	60.7
7	15	0	196	4	51.7	51.2	66.8	59.1	53.2	60.7
7	16	0	197	4	51.7	51.3	66.8	59.2	53.2	60.7
7	17	0	198	4	51.8	51.3	67.0	59.2	53.3	60.9
9	15	0	258	4	55.5	52.9	68.3	63.9	57.4	65.2
9	17	0	260	4	55.7	53.1	68.1	64.0	57.6	65.2
9	26	0	269	4	56.1	53.2	65.9	63.6	58.0	64.7

FIELD TEMPERATURE DATA

DEGREES FAHRENHEIT

MO	DA	YR	DAY NO		T46	T47	T48	T49	T50	T51	
1	1	4	1	4	42.1	43.9	54.7	55.2	32.1	0.0	0.0
1	2	4	2	4	41.9	43.7	54.6	55.2	27.0	0.0	0.0
1	3	4	3	4	41.7	43.4	54.5	55.2	30.0	0.0	0.0
1	4	4	4	4	41.6	43.3	54.4	55.1	27.0	0.0	0.0
1	5	4	5	4	41.5	43.1	54.3	55.1	24.1	0.0	0.0
1	6	4	6	4	41.2	42.9	54.2	55.1	26.4	0.0	0.0
1	7	4	7	4	41.0	43.7	54.1	55.1	30.1	0.0	0.0
1	8	4	8	4	40.8	43.6	54.0	55.1	30.3	0.0	0.0
1	9	4	9	4	40.6	43.4	53.9	55.0	30.9	0.0	0.0
1	10	4	10	4	40.4	43.2	53.8	55.0	28.9	0.0	0.0
1	11	4	11	4	40.3	43.1	53.7	54.9	28.0	0.0	0.0
1	12	4	12	4	40.1	43.0	53.6	54.9	28.1	0.0	0.0
1	13	4	13	4	40.0	47.8	53.5	54.9	28.0	0.0	0.0
1	14	4	14	4	39.9	47.7	53.4	54.9	25.7	0.0	0.0
1	15	4	15	4	39.7	47.5	53.3	54.9	30.2	0.0	0.0
1	16	4	16	4	39.6	47.4	53.2	54.8	24.9	0.0	0.0
1	17	4	17	4	39.4	47.3	53.1	54.8	29.3	0.0	0.0
1	18	4	18	4	39.3	47.1	53.0	54.8	31.3	0.0	0.0
1	19	4	19	4	39.2	47.0	53.0	54.8	31.5	0.0	0.0
1	20	4	20	4	39.0	46.8	52.8	54.7	31.9	0.0	0.0
1	21	4	21	4	38.9	46.7	52.7	54.6	32.0	0.0	0.0
1	22	4	22	4	38.8	46.5	52.6	54.6	32.1	0.0	0.0
1	23	4	23	4	38.7	46.4	52.5	54.6	32.1	0.0	0.0
1	24	4	24	4	38.6	46.3	52.4	54.5	32.6	0.0	0.0
1	25	4	25	4	38.5	46.1	52.3	54.5	33.4	0.0	0.0
1	26	4	26	4	38.5	46.1	52.3	54.5	32.2	0.0	0.0
1	27	4	27	4	38.5	46.3	52.1	54.4	32.1	0.0	0.0
1	28	4	28	4	38.3	46.3	52.1	54.4	29.6	0.0	0.0
1	29	4	29	4	38.0	46.5	51.9	44.3	31.7	0.0	0.0
1	30	4	30	4	38.1	46.6	52.0	54.3	31.3	0.0	0.0
1	31	4	31	4	38.0	46.3	51.8	54.2	31.9	0.0	0.0
2	1	4	32	4	37.9	46.2	51.7	54.2	31.9	0.0	0.0
2	2	4	33	4	37.8	46.1	51.6	54.2	32.0	0.0	0.0
2	3	4	34	4	37.8	46.0	51.5	54.1	32.1	0.0	0.0
2	4	4	35	4	37.7	44.4	51.4	54.1	32.1	0.0	0.0
2	5	4	36	4	37.7	44.3	51.3	54.0	32.2	0.0	0.0
2	6	4	37	4	37.6	44.2	51.3	54.0	32.1	0.0	0.0
2	7	4	38	4	37.6	44.2	51.2	54.0	32.0	0.0	0.0
2	8	4	39	4	37.5	44.2	51.1	54.0	32.1	0.0	0.0
2	9	4	40	4	37.5	44.4	51.0	53.9	32.0	0.0	0.0
2	10	4	41	4	37.5	44.1	50.9	53.8	32.2	0.0	0.0
2	11	4	42	4	37.4	44.1	50.9	53.8	32.0	0.0	0.0
2	12	4	43	4	37.4	44.1	50.8	53.8	31.7	0.0	0.0
2	13	4	44	4	37.3	44.0	50.7	53.8	31.9	0.0	0.0
2	14	4	45	4	37.4	44.0	50.6	53.7	32.1	0.0	0.0
2	15	4	46	4	37.3	43.9	50.5	53.6	30.8	0.0	0.0
2	16	4	47	4	37.3	43.7	50.5	53.6	30.3	0.0	0.0
2	17	4	48	4	37.1	43.6	50.4	53.6	30.2	0.0	0.0
2	18	4	49	4	37.0	43.5	50.3	53.5	31.4	0.0	0.0
2	19	4	50	4	37.0	43.5	50.2	53.4	31.0	0.0	0.0
2	20	4	51	4	37.0	43.4	50.1	53.4	31.4	0.0	0.0
2	21	4	52	4	36.9	43.4	50.1	53.4	31.6	0.0	0.0
2	22	4	53	4	36.9	43.3	49.9	53.3	31.7	0.0	0.0
2	23	4	54	4	36.7	43.2	49.9	53.3	31.6	0.0	0.0

FIELD TEMPERATURE DATA

DEGREES FAHRENHEIT

MO	DA	YR	DAY NO		T46	T47	T48	T49	T50	T51	
2	24	1	55	4	36.8	43.1	49.8	53.2	31.7	0.0	0.0
2	25	1	56	4	36.8	43.0	49.7	53.2	31.8	0.0	0.0
2	26	1	57	4	36.9	43.0	49.6	53.1	31.9	0.0	0.0
2	27	1	58	4	36.7	42.9	49.6	53.1	32.0	0.0	0.0
2	28	1	59	4	36.7	42.8	49.5	53.0	32.0	0.0	0.0
3	1	1	60	4	36.7	42.7	49.5	53.0	32.0	0.0	0.0
3	2	1	61	4	36.6	42.6	49.4	52.9	32.1	0.0	0.0
3	3	1	62	4	36.6	42.6	49.3	52.9	32.1	0.0	0.0
3	4	1	63	4	36.5	42.5	49.2	52.9	32.1	0.0	0.0
3	5	1	64	4	36.5	42.4	49.1	52.8	32.1	0.0	0.0
3	6	1	65	4	36.5	42.5	49.1	52.8	32.1	0.0	0.0
3	7	1	66	4	36.5	42.3	49.0	52.7	32.1	0.0	0.0
3	8	1	67	4	36.5	42.3	48.9	52.7	32.1	0.0	0.0
3	9	1	68	4	36.4	42.2	48.8	52.6	32.2	0.0	0.0
3	10	1	69	4	36.4	42.1	48.8	52.6	33.2	0.0	0.0
3	11	1	70	4	36.4	42.0	48.6	52.5	32.2	0.0	0.0
3	12	1	71	4	36.4	42.0	48.7	52.5	32.2	0.0	0.0
3	13	1	72	4	36.3	42.0	48.7	52.5	32.2	0.0	0.0
3	14	1	73	4	36.3	41.9	48.5	52.4	33.1	0.0	0.0
3	15	1	74	4	36.7	41.5	48.1	52.2	35.7	0.0	0.0
3	16	1	75	4	36.0	41.5	48.1	52.1	34.4	0.0	0.0
3	17	1	76	4	35.8	41.5	47.9	52.1	35.0	0.0	0.0
3	18	1	77	4	35.5	41.4	48.0	52.1	33.8	0.0	0.0
3	19	1	78	4	36.3	41.6	48.0	52.1	33.8	0.0	0.0
3	20	1	79	4	37.0	41.5	48.0	52.1	37.5	0.0	0.0
3	21	1	80	4	37.3	41.4	47.9	52.0	42.3	0.0	0.0
3	22	1	81	4	37.2	41.1	47.5	51.7	39.4	0.0	0.0
3	23	1	82	4	37.5	41.1	47.5	51.6	36.9	0.0	0.0
3	24	1	83	4	37.3	41.0	47.5	51.6	38.6	0.0	0.0
3	25	1	84	4	38.2	41.1	47.4	51.6	38.2	0.0	0.0
3	26	1	85	4	38.2	41.1	47.3	51.5	39.3	0.0	0.0
4	1	1	91	4	38.9	41.2	47.3	51.4	34.6	0.0	0.0
4	2	1	92	4	38.8	41.2	47.2	51.4	44.4	0.0	0.0
4	3	1	93	4	38.1	41.3	47.1	51.4	38.0	0.0	0.0
4	4	1	94	4	38.3	41.4	47.1	51.3	39.2	0.0	0.0
4	5	1	95	4	38.2	41.4	47.1	51.3	46.0	0.0	0.0
4	6	1	96	4	40.2	41.6	47.0	51.2	50.4	0.0	0.0
4	7	1	97	4	40.1	41.5	46.9	51.2	44.2	0.0	0.0
4	8	1	98	4	41.0	41.7	46.9	51.1	46.5	0.0	0.0
4	9	1	99	4	41.4	41.7	46.9	51.1	51.4	0.0	0.0
4	10	1	100	4	41.3	41.8	46.9	51.1	49.7	0.0	0.0
4	11	1	101	4	41.3	41.9	46.8	51.0	43.9	0.0	0.0
4	12	1	102	4	42.3	42.2	46.8	50.9	53.2	0.0	0.0
4	13	1	103	4	43.5	42.3	46.8	50.9	48.9	0.0	0.0
4	14	1	104	4	43.7	42.5	46.7	50.9	52.9	0.0	0.0
4	15	1	105	4	44.0	42.6	46.8	50.9	55.7	0.0	0.0
4	16	1	106	4	44.4	42.7	46.7	50.8	55.2	0.0	0.0
4	17	1	107	4	44.8	42.9	46.7	50.8	59.5	0.0	0.0
4	18	1	108	4	46.0	43.2	46.7	50.7	57.7	0.0	0.0
4	19	1	109	4	46.4	43.4	46.7	50.7	51.9	0.0	0.0
4	20	1	110	4	46.7	43.6	46.7	50.7	47.3	0.0	0.0
4	21	1	111	4	46.6	43.7	46.8	50.6	47.6	0.0	0.0
4	22	1	112	4	46.4	43.9	46.7	50.6	44.7	0.0	0.0
4	23	1	113	4	46.7	43.8	46.7	50.7	47.3	0.0	0.0
4	24	1	114	4	47.0	43.7	46.8	50.6	47.6	0.0	0.0
4	25	1	115	4	47.1	43.9	46.7	50.6	44.7	0.0	0.0

FIELD TEMPERATURE DATA

DEGREES FAHRENHEIT

MO	DA	YR	DAY NO		T46	T47	T48	T49	T50	T51	
4	26	1	116	4	47.1	44.1	46.8	50.6	48.5	0.0	0.0
4	27	1	117	4	47.4	44.5	46.8	50.5	55.9	0.0	0.0
4	28	1	118	4	47.6	44.7	46.8	50.5	58.2	0.0	0.0
4	30	1	120	4	48.0	44.9	46.8	50.5	53.8	0.0	0.0
5	1	1	121	4	48.5	45.0	46.9	50.5	49.9	0.0	0.0
5	2	1	122	4	48.8	45.1	46.9	50.4	52.0	0.0	0.0
5	3	1	123	4	49.0	45.3	46.9	50.4	53.9	0.0	0.0
5	6	1	126	4	49.9	45.8	47.0	50.3	54.9	0.0	0.0
5	8	1	128	4	50.6	46.2	47.1	50.3	65.2	0.0	0.0
5	9	1	129	4	50.9	46.3	47.2	50.3	62.2	0.0	0.0
5	10	1	130	4	51.1	46.5	47.2	50.3	53.9	0.0	0.0
5	12	1	132	4	51.6	46.9	47.3	50.2	51.0	0.0	0.0
5	13	1	133	4	51.8	47.0	47.3	50.2	52.1	0.0	0.0
5	23	1	143	4	53.2	48.6	48.0	50.2	61.7	0.0	0.0
5	24	1	144	4	53.2	48.8	48.0	50.2	61.3	0.0	0.0
5	26	1	146	4	53.7	49.0	48.2	50.2	60.7	0.0	0.0
5	27	1	147	4	53.1	49.4	48.3	50.3	57.2	0.0	0.0
5	28	1	148	4	53.2	49.5	48.4	50.3	60.5	0.0	0.0
5	29	1	149	4	53.4	49.7	48.5	50.3	66.7	0.0	0.0
5	30	1	150	4	53.7	50.1	48.6	50.3	76.2	0.0	0.0
5	31	1	151	4	53.8	50.1	48.6	50.3	81.4	0.0	0.0
6	2	1	153	4	56.7	50.3	48.7	50.3	72.1	0.0	0.0
6	7	1	158	4	56.9	50.5	48.8	50.3	70.6	0.0	0.0
6	9	1	160	4	57.3	50.7	48.9	50.3	65.0	0.0	0.0
6	10	1	161	4	57.4	51.0	49.0	50.3	65.3	0.0	0.0
6	11	1	162	4	57.1	51.3	49.1	50.3	67.3	0.0	0.0
6	12	1	163	4	58.1	51.6	49.3	50.4	67.2	0.0	0.0
6	13	1	164	4	58.4	51.8	49.4	50.4	65.4	0.0	0.0
6	14	1	165	4	58.6	52.0	49.5	50.4	71.1	0.0	0.0
6	15	1	166	4	58.1	52.1	49.5	50.4	69.1	0.0	0.0
6	16	1	167	4	58.4	52.3	49.7	50.4	74.7	0.0	0.0
6	17	1	168	4	58.1	52.3	49.8	50.4	78.1	0.0	0.0
6	18	1	169	4	58.7	52.5	50.0	50.5	74.0	0.0	0.0
6	19	1	170	4	58.8	53.1	50.1	50.5	70.2	0.0	0.0
6	20	1	171	4	59.0	53.4	50.1	50.5	74.5	0.0	0.0
6	21	1	172	4	59.1	53.6	50.2	50.5	80.5	0.0	0.0
6	22	1	173	4	59.1	53.7	50.3	50.5	74.0	0.0	0.0
6	23	1	174	4	59.2	54.0	50.4	50.6	77.5	0.0	0.0
6	24	1	175	4	59.4	54.1	50.5	50.6	71.2	0.0	0.0
6	25	1	176	4	59.4	54.3	50.5	50.6	76.3	0.0	0.0
6	26	1	177	4	59.5	54.4	50.6	50.6	73.3	0.0	0.0
6	27	1	178	4	59.1	54.7	50.7	50.6	75.0	0.0	0.0
6	28	1	179	4	59.1	55.7	52.7	52.7	77.5	0.0	0.0
6	29	1	180	4	59.2	56.4	50.7	50.7	74.2	0.0	0.0
6	30	1	181	4	59.4	55.1	51.0	50.8	73.5	0.0	0.0
7	1	1	182	4	59.7	56.3	51.1	50.8	72.7	0.0	0.0
7	2	1	183	4	59.8	56.3	51.2	50.8	75.7	0.0	0.0
7	3	1	184	4	59.4	56.5	51.2	50.8	78.0	0.0	0.0
7	4	1	185	4	59.7	56.8	51.4	50.9	73.4	0.0	0.0
7	5	1	186	4	59.8	56.9	51.5	50.9	73.8	0.0	0.0
7	6	1	187	4	59.9	57.0	51.6	50.9	74.2	0.0	0.0
7	7	1	188	4	59.9	57.1	51.7	50.9	73.8	0.0	0.0
7	8	1	189	4	59.9	57.2	51.8	51.0	73.5	0.0	0.0

FIELD TEMPERATURE DATA

DEGREES FAHRENHEIT

MO	DA	YR	DAY NO		T46	T47	T48	T49	T50	T51	
7	8	9	189	4	54.4	56.7	51.9	51.0	68.7	0.0	0.0
7	9	9	190	4	54.1	56.8	51.9	51.0	67.4	0.0	0.0
7	10	9	191	4	54.4	57.0	52.0	51.0	69.2	0.0	0.0
7	11	9	192	4	54.3	57.2	52.2	51.2	70.4	0.0	0.0
7	12	9	193	4	54.2	57.2	52.2	51.0	75.9	0.0	0.0
7	13	9	194	4	54.2	57.3	52.3	51.0	73.3	0.0	0.0
7	14	9	195	4	54.3	57.4	52.3	51.1	70.7	0.0	0.0
7	15	9	196	4	54.4	57.5	52.4	51.1	78.5	0.0	0.0
7	16	9	197	4	54.5	57.6	52.5	51.1	80.0	0.0	0.0
7	17	9	198	4	54.6	57.7	52.6	51.2	76.4	0.0	0.0
7	15	9	258	4	57.3	61.5	57.8	53.6	71.5	0.0	0.0
7	17	9	260	4	57.1	63.6	58.0	53.8	70.5	0.0	0.0
7	26	9	269	4	55.3	63.5	58.4	54.2	67.1	0.0	0.0

SECTION 2-B

FIELD GAS COMPOSITION

Notes:

1. Nomenclature; same as in Section 1-B.
2. All results in percent of total gas.

FIELD GAS ANALYSIS

MO	DA	YR	DAY	NO	LOC	CO2	O2	N2	CH4	H2S	CO
1	2	9		2	A1	2.5	16.8	80.6	0.4	0.0	0.0
2	6	9		37	A1	3.7	14.5	81.7	0.1	0.0	0.0
2	25	9		55	A1	4.9	11.7	83.1	0.2	0.0	0.0
3	26	9		85	A1	4.4	15.5	80.1	0.1	0.0	0.0
4	25	9		115	A1	3.2	17.2	79.6	0.1	0.0	0.0
5	22	9		142	A1	4.1	15.7	80.1	0.1	0.0	0.0
6	18	9		169	A1	5.0	16.4	78.5	0.1	0.0	0.0
8	14	9		225	A1	0.2	16.3	83.5	0.0	0.0	0.0
9	11	9		253	A1	1.0	10.4	88.2	0.0	0.0	0.0

FIELD GAS ANALYSIS

MO	DA	YR	DAY	NO	LOC	CO2	O2	N2	CH4	H2S	CO
1	2	9		2	A2	5.7	14.1	80.1	0.1	0.0	0.0
2	6	9		37	A2	6.2	12.0	81.7	0.1	0.0	0.0
2	25	9		55	A2	6.8	10.6	82.4	0.2	0.0	0.0
3	26	9		85	A2	7.1	11.4	81.2	0.2	0.0	0.0
4	25	9		115	A2	7.7	13.8	78.4	0.1	0.0	0.0
5	22	9		142	A2	7.1	13.8	79.0	0.1	0.0	0.0
6	18	9		169	A2	8.3	13.5	78.5	0.1	0.0	0.0
8	14	9		225	A2	7.3	10.2	82.5	0.0	0.0	0.0
9	11	9		253	A2	6.3	13.9	79.7	0.0	0.0	0.0

FIELD GAS ANALYSIS

MO	DA	YR	DAY NO	LOC	CO2	O2	N2	CH4	H2S	CO
1	2	9	2	A3	10.6	11.7	77.6	0.1	0.0	0.0
2	6	9	37	A3	9.2	17.2	73.3	0.2	0.0	0.0
2	25	9	55	A3	10.2	10.1	79.5	0.2	0.0	0.0
3	26	9	85	A3	9.7	9.6	80.5	0.2	0.0	0.0
4	25	9	115	A3	10.3	10.7	78.8	0.2	0.0	0.0
5	22	9	142	A3	9.3	11.4	79.1	0.2	0.0	0.0
6	18	9	169	A3	10.5	11.0	78.3	0.1	0.0	0.0
8	14	9	225	A3	4.6	12.2	83.2	0.0	0.0	0.0
9	11	9	253	A3	4.5	13.4	76.4	0.0	0.0	0.0

FIELD GAS ANALYSIS

MO	DA	YR	DAY NO	LOC	CO2	O2	N2	CH4	H2S	CO
1	2	9	2	A4	9.4	12.4	77.7	0.1	0.0	0.0
2	6	9	37	A4	9.7	11.5	78.6	0.2	0.0	0.0
2	25	9	55	A4	9.3	11.2	79.4	0.2	0.0	0.0
3	26	9	85	A4	11.0	10.5	78.3	0.2	0.0	0.0
4	25	9	115	A4	9.5	10.9	79.4	0.2	0.0	0.0
5	22	9	142	A4	8.4	11.5	79.9	0.1	0.0	0.0
6	18	9	169	A4	6.6	9.8	83.4	0.1	0.0	0.0
8	14	9	225	A4	10.2	9.4	79.7	0.0	0.0	0.0
9	11	9	253	A4	0.0	0.0	0.0	0.0	0.0	0.0

FIELD GAS ANALYSIS

MO	DA	YR	DAY NO	LOC	CO2	O2	N2	CH4	H2S	CO
1	2	9	2	B1	3.4	16.8	79.7	0.1	0.0	0.0
2	6	9	37	B1	4.8	14.4	80.7	0.1	0.0	0.0
2	25	9	55	B1	5.2	12.8	81.8	0.2	0.0	0.0
3	26	9	85	B1	5.3	12.9	81.6	0.2	0.0	0.0
4	25	9	115	B1	6.1	14.3	79.5	0.1	0.0	0.0
5	22	9	142	B1	4.0	15.5	80.9	0.1	0.0	0.0
6	18	9	169	B1	6.6	13.2	79.9	0.1	0.0	0.0
8	14	9	225	B1	5.6	9.9	84.5	0.0	0.0	0.0
9	11	9	253	B1	2.5	17.1	80.3	0.0	0.0	0.0

FIELD GAS ANALYSIS

MO	DA	YR	DAY	NO	LOC	CO2	O2	N2	CH4	H2S	CO
1	2	9		2	B2	5.9	15.7	78.2	0.1	0.0	0.0
2	6	9		37	B2	5.2	14.2	80.5	0.1	0.0	0.0
2	25	9		55	B2	6.8	12.5	80.5	0.2	0.0	0.0
3	26	9		85	B2	6.6	11.9	81.3	0.2	0.0	0.0
4	25	9		115	B2	8.3	12.3	79.3	0.2	0.0	0.0
5	22	9		142	B2	8.5	3.4	87.9	0.1	0.0	0.0
6	18	9		169	B2	8.7	13.2	77.8	0.1	0.0	0.0
8	14	9		225	B2	5.6	49.1	45.2	0.1	0.0	0.0
9	11	9		253	B2	0.0	0.0	0.0	0.0	0.0	0.0

FIELD GAS ANALYSIS

MO	DA	YR	DAY	NO	LOC	CO2	O2	N2	CH4	H2S	CO
1	2	9		2	B3	11.6	12.0	76.2	0.2	0.0	0.0
2	6	9		37	B3	10.8	10.8	78.1	0.3	0.0	0.0
2	25	9		55	B3	10.6	9.7	79.4	0.3	0.0	0.0
3	26	9		85	B3	10.5	9.3	79.8	0.3	0.0	0.0
4	25	9		115	B3	10.3	10.5	79.0	0.2	0.0	0.0
5	22	9		142	B3	10.4	10.7	78.6	0.2	0.0	0.0
6	18	9		169	B3	13.7	7.5	78.5	0.2	0.0	0.0
8	14	9		225	B3	9.4	12.3	78.1	0.1	0.0	0.0
9	11	9		253	B3	9.9	12.1	78.0	0.0	0.0	0.0

FIELD GAS ANALYSIS

MO	DA	YR	DAY NO	LOC	CO2	O2	N2	CH4	H2S	CO
1	2	9	2	B4	8.8	13.3	77.8	0.2	0.0	0.0
2	6	9	37	B4	7.2	13.7	78.9	0.1	0.0	0.0
2	25	9	55	B4	7.0	12.9	79.8	0.2	0.0	0.0
3	26	9	85	B4	7.2	11.7	81.0	0.2	0.0	0.0
4	25	9	115	B4	7.7	12.0	80.1	0.3	0.0	0.0
5	22	9	142	B4	7.1	12.2	80.4	0.2	0.0	0.0
6	18	9	169	B4	8.0	12.2	79.5	0.2	0.0	0.0
8	14	9	225	B4	0.0	0.0	0.0	0.0	0.0	0.0
9	11	9	253	B4	6.5	13.5	79.8	0.1	0.0	0.0

FIELD GAS ANALYSIS

MO	DA	YR	DAY NU	LOC	CO2	O2	N2	CH4	H2S	CO
1	2	9	2	C1	0.9	17.7	81.3	0.1	0.0	0.0
2	6	9	37	C1	1.3	16.6	80.0	0.8	0.0	0.0
2	25	9	55	C1	0.6	18.7	80.6	0.1	0.0	0.0
3	26	9	85	C1	1.4	15.5	83.0	0.2	0.0	0.0
4	25	9	115	C1	2.5	15.7	81.5	0.2	0.0	0.0
5	22	9	142	C1	1.9	15.9	81.9	0.2	0.0	0.0
6	18	9	169	C1	4.8	18.5	76.4	0.2	0.0	0.0
8	14	9	225	C1	2.6	11.7	85.6	0.0	0.0	0.0
9	11	9	253	C1	3.7	13.4	82.9	0.0	0.0	0.0

FIELD GAS ANALYSIS

MO	DA	YR	DAY NO	LOC	CO2	O2	N2	CH4	H2S	CO
1	2	9	2	C2	1.4	16.4	82.1	0.1	0.0	0.0
2	6	9	37	C2	1.3	16.7	81.9	0.1	0.0	0.0
2	25	9	55	C2	1.3	15.9	72.6	0.2	0.0	0.0
3	26	9	85	C2	1.7	15.0	83.1	0.2	0.0	0.0
4	25	9	115	C2	2.3	15.0	82.4	0.2	0.0	0.0
5	22	9	142	C2	2.4	16.3	81.1	0.2	0.0	0.0
6	18	9	169	C2	3.3	15.5	80.9	0.1	0.0	0.0
8	14	9	225	C2	3.5	21.1	75.4	0.0	0.0	0.0
9	11	9	253	C2	7.9	12.9	79.1	0.0	0.0	0.0

FIELD GAS ANALYSIS

MO	DA	YR	DAY	NO	LOC	CO2	O2	N2	CH4	H2S	CO
1	2	9		2	C3	2.1	17.8	80.0	0.1	0.0	0.0
2	6	9		37	C3	1.1	18.0	80.8	0.1	0.0	0.0
2	25	9		55	C3	2.2	15.5	82.2	0.2	0.0	0.0
3	26	9		85	C3	2.3	14.4	83.0	0.3	0.0	0.0
4	25	9		115	C3	2.9	14.7	82.1	0.3	0.0	0.0
5	22	9		142	C3	3.2	14.3	82.1	0.3	0.0	0.0
6	18	9		169	C3	2.9	14.8	82.1	0.3	0.0	0.0
8	14	9		225	C3	3.9	11.4	84.4	0.1	0.0	0.0
9	11	9		253	C3	0.0	0.0	0.0	0.0	0.0	0.0

FIELD GAS ANALYSIS

MO	DA	YR	DAY	NO	LOC	CO2	O2	N2	CH4	H2S	CO
1	2	9		2	C4	1.6	17.6	80.7	0.0	0.0	0.0
2	6	9		37	C4	1.4	16.5	82.0	0.1	0.0	0.0
2	25	9		55	C4	0.6	18.7	80.7	0.0	0.0	0.0
3	26	9		85	C4	1.0	16.3	82.5	0.2	0.0	0.0
4	25	9		115	C4	1.6	15.0	83.0	0.3	0.0	0.0
5	22	9		142	C4	0.0	0.0	0.0	0.0	0.0	0.0
6	18	9		169	C4	1.6	14.9	83.1	0.3	0.0	0.0
8	14	9		225	C4	1.7	11.3	87.2	0.0	0.0	0.0
9	11	9		253	C4	4.5	15.0	80.5	0.0	0.0	0.0

FIELD GAS ANALYSIS

MO	DA	YR	DAY	NU	LOC	CO2	O2	N2	CH4	H2S	CO
1	2	9		2	D1	1.3	18.6	80.0	0.0	0.0	0.0
2	6	9		37	D1	1.4	18.7	79.8	0.0	0.0	0.0
2	25	9		55	D1	1.8	15.7	82.4	0.0	0.0	0.0
3	26	9		85	D1	0.0	0.0	0.0	0.0	0.0	0.0
4	25	9		115	D1	3.4	16.6	80.0	0.0	0.0	0.0
5	22	9		142	D1	4.3	7.3	88.4	0.0	0.0	0.0
6	18	9		169	D1	3.3	16.6	79.9	0.0	0.0	0.0
8	14	9		225	D1	4.3	9.2	86.4	0.0	0.0	0.0
9	11	9		253	D1	3.7	13.4	82.9	0.0	0.0	0.0

FIELD GAS ANALYSIS

MO	DA	YR	DAY NO	LOC	CO2	O2	N2	CH4	H2S	CO
1	2	9	2	D2	6.4	14.5	78.9	0.2	0.0	0.0
2	6	9	37	D2	5.9	13.5	80.5	0.1	0.0	0.0
2	25	9	55	D2	5.9	13.6	79.8	0.5	0.0	0.0
3	26	9	85	D2	6.1	13.1	80.8	0.1	0.0	0.0
4	25	9	115	D2	7.1	13.0	79.8	0.1	0.0	0.0
5	22	9	142	D2	6.7	13.5	79.7	0.1	0.0	0.0
6	18	9	169	D2	7.1	13.0	79.8	0.1	0.0	0.0
8	14	9	225	D2	7.4	8.9	83.7	0.0	0.0	0.0
9	11	9	253	D2	7.9	12.9	79.1	0.0	0.0	0.0

FIELD GAS ANALYSIS

MO	DA	YR	DAY NO	LOC	CO2	O2	N2	CH4	H2S	CO
1	2	9	2	D3	7.1	3.6	79.1	0.1	0.0	0.0
2	6	9	37	D3	6.9	13.1	79.9	0.1	0.0	0.0
2	25	9	55	D3	6.5	13.2	80.2	0.1	0.0	0.0
3	26	9	85	D3	7.1	12.1	80.7	0.1	0.0	0.0
4	25	9	115	D3	7.6	12.3	80.0	0.1	0.0	0.0
5	22	9	142	D3	7.3	12.6	80.0	0.1	0.0	0.0
6	18	9	169	D3	7.6	12.2	80.0	0.1	0.0	0.0
8	14	9	225	D3	4.1	4.6	88.3	0.0	0.0	0.0
9	11	9	253	D3	0.0	0.0	0.0	0.0	0.0	0.0

FIELD GAS ANALYSIS

MO	DA	YR	DAY	NO	LOC	CO2	O2	N2	CH4	H2S	CO
1	2	9		2	D4	5.0	15.0	79.9	0.1	0.0	0.0
2	6	9		37	D4	5.4	14.3	80.2	0.1	0.0	0.0
2	25	9		55	D4	5.5	13.8	80.6	0.0	0.0	0.0
3	26	9		85	D4	4.7	14.2	81.1	0.0	0.0	0.0
4	25	9		115	D4	6.1	13.1	80.8	0.1	0.0	0.0
5	22	9		142	D4	10.8	12.4	76.7	0.0	0.0	0.0
6	18	9		169	D4	6.1	13.0	80.7	0.0	0.0	0.0
8	14	9		225	D4	5.2	9.7	85.0	0.0	0.0	0.0
9	11	9		253	D4	4.3	15.0	80.3	0.0	0.0	0.0

FIELD GAS ANALYSIS

MO	DA	YR	DAY	NO	LOC	CO2	O2	N2	CH4	H2S	CO
1	2	9		2	F1	1.0	17.8	81.2	0.0	0.0	0.0
2	6	9		37	E1	1.0	17.8	81.1	0.0	0.0	0.0
2	25	9		55	F1	0.8	17.7	81.5	0.0	0.0	0.0
3	26	9		85	E1	0.1	18.0	81.0	0.0	0.0	0.0
4	25	9		115	E1	1.5	16.7	81.8	0.0	0.0	0.0
5	22	9		142	F1	0.5	18.7	80.7	0.0	0.0	0.0
6	18	9		169	E1	1.5	16.7	81.3	0.0	0.0	0.0
8	14	9		225	E1	3.4	11.3	85.2	0.0	0.0	0.0
9	11	9		253	F1	3.1	16.1	80.7	0.0	0.0	0.0

FIELD GAS ANALYSIS

MO	DA	YR	DAY	NO	LOC	CO2	O2	N2	CH4	H2S	CO
1	2	9		2	F2	2.2	17.1	80.7	0.0	0.0	0.0
2	6	9		37	F2	2.3	15.3	82.4	0.0	0.0	0.0
2	25	9		55	F2	2.1	16.9	80.9	0.0	0.0	0.0
3	26	9		85	F2	0.5	28.2	71.3	0.0	0.0	0.0
4	25	9		115	F2	2.6	16.1	81.4	0.0	0.0	0.0
5	22	9		142	F2	0.6	18.6	80.7	0.0	0.0	0.0
6	18	9		169	F2	2.2	16.5	81.3	0.0	0.0	0.0
8	14	9		225	F2	6.2	6.5	87.3	0.0	0.0	0.0
9	11	9		253	F2	1.9	17.3	80.8	0.0	0.0	0.0

FIELD GAS ANALYSIS

MO	DA	YR	DAY	NO	LOC	CO2	O2	N2	CH4	H2S	CO
1	2	9		2	E3	2.2	17.8	80.1	0.0	0.0	0.0
2	6	9		37	E3	2.2	16.7	81.1	0.0	0.0	0.0
2	25	9		55	E3	1.8	16.7	81.4	0.0	0.0	0.0
3	26	9		85	E3	1.9	16.3	81.8	0.0	0.0	0.0
4	25	9		115	E3	2.2	16.5	81.3	0.0	0.0	0.0
5	22	9		142	E3	1.9	16.7	81.3	0.0	0.0	0.0
6	18	9		169	E3	2.2	16.5	81.2	0.0	0.0	0.0
8	14	9		225	E3	2.7	11.4	85.8	0.0	0.0	0.0
9	11	9		253	E3	9.9	12.1	78.0	0.0	0.0	0.0

FIELD GAS ANALYSIS

MO	DA	YR	DAY	NO	LOC	CO2	O2	N2	CH4	H2S	CO
1	2	9		2	E4	1.7	18.0	80.2	0.0	0.0	0.0
2	6	9		37	E4	0.0	0.0	0.0	0.0	0.0	0.0
2	25	9		55	E4	0.0	0.0	0.0	0.0	0.0	0.0
3	26	9		85	E4	1.3	18.2	80.5	0.0	0.0	0.0
4	25	9		115	E4	2.3	16.8	80.9	0.0	0.0	0.0
5	22	9		142	E4	2.2	18.2	79.5	0.0	0.0	0.0
6	18	9		169	E4	2.2	16.8	80.9	0.0	0.0	0.0
8	14	9		225	E4	2.1	11.4	86.4	0.0	0.0	0.0
9	11	9		253	E4	6.5	13.3	79.8	0.0	0.0	0.0

FIELD GAS ANALYSIS

MO	DA	YR	DAY	NO	LOC	CO2	O2	N2	CH4	H2S	CO
1	2	9		2	W1	23.1	1.6	74.1	1.3	0.0	0.0
1	14	9		14	W1	13.5	7.1	78.8	0.6	0.0	0.0
1	6	9		37	A1	11.9	5.7	81.6	0.7	0.0	0.0
1	18	9		77	W1	17.5	1.5	80.2	0.8	0.0	0.0
1	25	9		56	W1	15.7	2.3	81.7	0.7	0.0	0.0
1	26	9		85	W1	18.4	2.6	78.4	0.7	0.0	0.0
4	2	9		92	W1	20.8	1.5	77.1	0.7	0.0	0.0
4	9	9		99	W1	22.9	1.2	75.4	0.6	0.0	0.0
4	16	9		106	W1	25.1	1.4	72.9	0.6	0.0	0.0
4	25	9		115	W1	28.2	1.0	70.5	0.3	0.0	0.0
5	1	9		121	W1	29.0	1.1	69.6	0.3	0.0	0.0
5	8	9		128	W1	28.4	1.2	70.2	0.1	0.0	0.0
5	13	9		133	W1	31.0	0.9	67.8	0.1	0.0	0.0
5	22	9		142	W1	17.4	5.9	76.6	0.6	0.0	0.0
5	27	9		147	W1	24.8	1.6	73.4	0.1	0.0	0.0
6	6	9		156	W1	25.1	1.7	72.9	0.1	0.0	0.0
6	11	9		161	A1	26.6	1.7	71.5	0.1	0.0	0.0
6	18	9		168	W1	23.9	1.4	74.4	0.2	0.0	0.0
6	26	9		176	A1	19.5	2.2	77.7	0.1	0.0	0.0
7	3	9		184	W1	19.7	3.3	76.9	0.1	0.0	0.0
7	25	9		205	W1	16.3	4.3	79.3	0.1	0.0	0.0
8	1	9		212	W1	13.3	12.2	74.4	0.1	0.0	0.0
8	7	9		219	W1	13.3	12.2	74.4	0.1	0.0	0.0
8	14	9		226	W1	15.4	10.1	73.1	1.3	0.0	0.0
8	23	9		235	W1	13.3	12.2	74.4	0.3	0.0	0.0
8	28	9		240	W1	23.5	2.1	73.5	0.8	0.0	0.0
9	6	9		248	A1	19.2	6.4	74.2	0.2	0.0	0.0
9	11	9		253	W1	19.3	6.2	74.0	0.7	0.0	0.0
9	17	9		259	W1	28.2	1.8	63.9	5.9	0.0	0.0
9	26	9		268	A1	29.2	4.1	64.9	1.8	0.0	0.0

FIELD GAS ANALYSIS

MO	DA	YR	DAY NO	LOC	CO2	O2	N2	CH4	H2S	CO
1	2	9	2	W2	22.5	1.9	74.3	1.3	0.0	0.0
1	14	9	14	W2	23.6	1.5	73.2	1.7	0.0	0.0
1	6	9	37	W2	21.7	3.6	73.6	1.1	0.0	0.0
1	18	9	77	W2	21.8	1.3	75.8	1.0	0.0	0.0
1	25	9	56	W2	22.0	1.3	77.5	1.2	0.0	0.0
1	26	9	85	W2	20.4	2.3	76.3	1.0	0.0	0.0
4	2	9	92	W2	23.1	1.6	74.7	0.6	0.0	0.0
4	9	9	99	W2	22.9	1.1	75.0	1.0	0.0	0.0
4	16	9	106	W2	21.9	2.4	4.8	0.9	0.0	0.0
4	25	9	115	W2	24.9	1.1	73.2	0.9	0.0	0.0
5	1	9	121	W2	24.4	1.4	73.5	0.7	0.0	0.0
5	8	9	128	W2	17.2	1.6	80.0	0.1	0.0	0.0
5	13	9	133	W2	15.1	10.6	73.8	0.4	0.0	0.0
5	22	9	142	W2	26.6	2.1	70.4	0.8	0.0	0.0
5	27	9	147	W2	26.9	1.2	70.9	0.8	0.0	0.0
6	6	9	156	W2	17.8	6.4	75.2	0.5	0.0	0.0
6	11	9	161	W2	31.8	1.1	66.2	0.9	0.0	0.0
6	18	9	168	W2	32.5	1.4	64.6	1.3	0.0	0.0
6	26	9	176	W2	32.2	1.4	65.7	0.6	0.0	0.0
7	3	9	184	W2	39.4	1.9	57.4	1.3	0.0	0.0
7	25	9	205	W2	26.5	3.4	68.6	1.1	0.0	0.0
8	1	9	212	W2	19.7	10.5	69.1	0.5	0.0	0.0
8	7	9	219	W2	19.7	10.5	69.1	0.5	0.0	0.0
8	14	9	226	W2	20.0	8.1	70.4	1.3	0.0	0.0
8	23	9	235	W2	17.3	11.5	70.4	0.5	0.0	0.0
8	28	9	240	W2	23.5	2.1	73.5	0.8	0.0	0.0
9	6	9	248	W2	39.5	1.6	57.8	1.3	0.0	0.0
9	11	9	253	W2	42.2	1.4	55.7	0.6	0.0	0.0
9	17	9	259	W2	41.2	1.9	51.2	5.6	0.0	0.0
9	26	9	268	W2	31.3	2.8	49.2	5.6	0.0	0.0

FIELD GAS ANALYSIS

MO	DA	YR	DAY NO	LOC	CO2	O2	N2	CH4	H2S	CO
1	2	9	2	W3	27.3	0.3	68.4	2.0	0.0	0.0
1	14	9	14	W3	26.6	2.4	70.9	0.2	0.0	0.0
1	6	9	37	W3	27.0	1.8	69.7	1.5	0.0	0.0
1	18	9	77	W3	23.7	1.6	23.5	1.2	0.0	0.0
1	25	9	56	W3	27.1	2.2	73.4	1.3	0.0	0.0
1	26	9	85	W3	23.6	1.2	74.2	1.1	0.0	0.0
4	2	9	92	W3	21.8	2.1	74.7	0.5	0.0	0.0
4	9	9	99	W3	24.2	1.2	73.5	1.1	0.0	0.0
4	16	9	106	W3	22.3	2.9	73.8	1.0	0.0	0.0
4	25	9	115	W3	24.8	1.3	71.8	2.0	0.0	0.0
5	1	9	121	W3	26.1	1.1	71.7	1.0	0.0	0.0
5	8	9	128	W3	30.9	1.8	66.4	0.8	0.0	0.0
5	13	9	133	W3	25.7	2.0	71.2	0.9	0.0	0.0
5	22	9	142	W3	25.7	2.1	71.2	0.9	0.0	0.0
5	27	9	147	W3	26.8	1.3	70.1	0.9	0.0	0.0
6	6	9	156	W3	29.0	1.3	68.6	1.0	0.0	0.0
6	11	9	161	W3	28.9	2.3	68.4	0.4	0.0	0.0
6	18	9	168	W3	29.0	2.1	67.7	1.2	0.0	0.0
6	26	9	~~176~~	W3	29.6	2.1	67.4	0.7	0.0	0.0
7	3	9	184	W3	30.4	2.6	65.4	1.4	0.0	0.0
7	25	9	205	W3	28.9	3.2	66.8	1.1	0.0	0.0
8	1	9	212	W3	12.5	13.7	72.5	1.2	0.0	0.0
8	7	9	219	W3	12.5	13.7	72.5	1.2	0.0	0.0
8	14	9	226	W3	13.9	11.9	72.9	1.1	0.0	0.0
8	23	9	235	W3	2.0	36.8	60.7	0.4	0.0	0.0
8	28	9	240	W3	15.1	11.1	73.5	0.3	0.0	0.0
9	6	9	248	W3	30.5	2.7	65.3	1.3	0.0	0.0
9	11	9	253	W3	39.6	2.1	57.4	0.7	0.0	0.0
9	17	9	259	W3	40.4	3.1	50.8	5.8	0.0	0.0
9	26	9	268	W3	39.6	2.1	53.3	4.8	0.0	0.0

FIELD GAS ANALYSIS

MO	DA	YR	DAY NO	LOC	CO2	O2	N2	CH4	H2S	CO
1	2	9	2	#4	32.0	2.0	64.5	1.5	0.0	0.0
1	14	9	14	#4	20.4	6.4	72.2	1.0	0.0	0.0
2	6	9	37	#4	29.4	3.1	66.3	1.2	0.0	0.0
2	25	9	56	#4	23.6	2.9	72.4	1.0	0.0	0.0
3	18	9	77	#4	26.5	1.2	71.1	1.1	0.0	0.0
3	26	9	85	#4	26.5	1.2	74.2	1.1	0.0	0.0
4	2	9	92	#4	25.4	1.6	71.0	2.0	0.0	0.0
4	9	9	99	#4	25.4	1.1	71.6	1.9	0.0	0.0
4	16	9	106	#4	26.3	1.3	71.5	0.9	0.0	0.0
4	25	9	115	#4	27.0	1.0	71.1	0.9	0.0	0.0
5	1	9	121	#4	26.9	1.0	70.3	1.7	0.0	0.0
5	8	9	128	#4	0.0	0.0	0.0	0.0	0.0	0.0
5	13	9	133	#4	27.2	1.2	70.6	0.8	0.0	0.0
5	22	9	142	#4	26.3	2.1	71.5	0.7	0.0	0.0
5	27	9	147	#4	31.5	1.0	66.6	0.8	0.0	0.0
6	6	9	156	#4	26.7	2.8	69.7	0.8	0.0	0.0
6	11	9	161	#4	29.5	1.1	68.5	0.8	0.0	0.0
6	18	9	168	#4	29.3	1.3	67.8	0.9	0.0	0.0
6	26	9	176	#4	27.2	1.8	70.4	0.5	0.0	0.0
7	3	9	184	#4	30.6	1.2	66.9	1.1	0.0	0.0
7	25	9	205	#4	23.6	4.1	71.4	0.9	0.0	0.0
8	1	9	212	#4	26.8	1.9	70.8	0.4	0.0	0.0
8	7	9	219	#4	26.8	1.9	70.8	0.4	0.0	0.0
8	14	9	226	#4	11.9	6.4	79.4	0.3	0.0	0.0
8	23	9	235	#4	12.0	23.8	60.7	0.4	0.0	0.0
8	28	9	240	#4	0.0	0.0	0.0	0.0	0.0	0.0
9	6	9	248	#4	29.8	3.9	65.8	0.4	0.0	0.0
9	11	9	253	#4	37.9	1.7	57.5	2.8	0.0	0.0
9	17	9	259	#4	35.9	2.1	57.5	2.5	0.0	0.0
9	26	9	268	#4	37.5	2.1	58.1	3.3	0.0	0.0

FIELD GAS ANALYSIS

MO	DA	YR	DAY NO	LOC	CO2	O2	N2	CH4	H2S	CO
1	2	9	2	#5	29.9	4.3	65.0	0.7	0.0	0.0
1	14	9	14	#5	31.3	1.9	65.7	1.1	0.0	0.0
2	6	9	37	#5	21.9	7.3	70.2	0.6	0.0	0.0
2	25	9	56	#5	45.3	1.1	52.9	0.6	0.0	0.0
3	18	9	77	#5	25.5	3.7	70.0	0.8	0.0	0.0
3	26	9	85	#5	26.6	1.1	71.2	1.0	0.0	0.0
4	2	9	92	#5	42.6	1.3	55.5	0.7	0.0	0.0
4	9	9	99	#5	44.6	0.9	53.9	0.5	0.0	0.0
4	16	9	106	#5	28.2	1.8	69.4	0.7	0.0	0.0
4	25	9	115	#5	26.3	1.3	71.7	0.7	0.0	0.0
5	1	9	121	#5	27.5	1.2	70.6	0.7	0.0	0.0
5	8	9	128	#5	24.7	2.8	71.2	1.2	0.0	0.0
5	13	9	133	#5	27.6	1.2	69.7	1.2	0.0	0.0
5	22	9	142	#5	7.9	2.2	88.2	1.6	0.0	0.0
5	27	9	147	#5	26.3	1.4	71.6	0.6	0.0	0.0
6	6	9	156	#5	26.7	2.2	70.5	0.5	0.0	0.0
6	11	9	161	#5	28.4	1.2	69.9	0.5	0.0	0.0
6	18	9	168	#5	27.7	1.8	69.8	0.6	0.0	0.0
6	26	9	176	#5	26.2	1.9	71.3	0.5	0.0	0.0
7	3	9	184	#5	32.2	18.9	48.2	0.6	0.0	0.0
7	25	9	205	#5	25.8	3.3	68.3	0.3	0.0	0.0
8	1	9	212	#5	26.7	11.0	62.4	0.4	0.0	0.0
8	7	9	218	#5	26.7	11.0	62.4	0.4	0.0	0.0
8	14	9	226	#5	0.0	0.0	0.0	0.0	0.0	0.0
8	23	9	235	#5	26.1	11.0	62.3	0.4	0.0	0.0
8	28	9	240	#5	19.2	2.4	77.1	1.3	0.0	0.0
9	6	9	248	#5	29.4	2.2	67.0	1.4	0.0	0.0
9	11	9	253	#5	31.4	1.9	65.8	1.4	0.0	0.0
9	17	9	259	#5	30.4	2.9	65.6	1.6	0.0	0.0
9	26	9	268	#5	35.7	2.4	60.8	1.8	0.0	0.0

FIELD GAS ANALYSIS

MO	DA	YR	DAY NO	LOC	CO2	O2	N2	CH4	H2S	CO
1	2	9	2	W6	0.0	0.0	0.0	0.0	0.0	0.0
1	14	9	14	W6	0.0	0.0	0.0	0.0	0.0	0.0
2	6	9	37	W6	44.9	2.6	51.9	0.5	0.0	0.0
2	25	9	56	W6	29.5	1.5	68.2	0.8	0.0	0.0
3	18	9	77	W6	0.0	0.0	0.0	0.0	0.0	0.0
3	26	9	85	W6	27.6	1.7	69.9	0.8	0.0	0.0
4	2	9	92	W6	15.6	10.7	73.3	0.3	0.0	0.0
4	9	9	99	W6	15.9	1.5	81.8	0.8	0.0	0.0
4	16	9	106	W6	23.7	4.7	70.7	0.8	0.0	0.0
4	25	9	115	W6	16.2	1.3	81.8	0.7	0.0	0.0
5	1	9	121	W6	28.6	1.0	69.7	0.7	0.0	0.0
5	8	9	128	W6	27.2	1.1	72.8	0.2	0.0	0.0
5	13	9	133	W6	7.8	2.1	89.3	0.7	0.0	0.0
5	22	9	142	W6	26.6	1.8	70.9	0.6	0.0	0.0
5	27	9	147	W6	26.8	1.1	71.4	0.6	0.0	0.0
6	6	9	156	W6	8.1	7.8	83.9	0.2	0.0	0.0
6	11	9	161	W6	28.3	1.9	69.1	0.6	0.0	0.0
6	18	9	168	W6	27.4	1.8	70.1	0.8	0.0	0.0
6	26	9	176	W6	27.1	1.5	70.8	0.4	0.0	0.0
7	3	9	184	W6	21.6	2.6	75.7	0.0	0.0	0.0
7	25	9	205	W6	24.0	2.9	72.5	0.5	0.0	0.0
8	1	9	212	W6	27.5	5.7	66.4	0.3	0.0	0.0
8	7	9	219	W6	27.5	5.7	66.4	0.3	0.0	0.0
8	14	9	276	W6	16.1	15.6	67.7	0.4	0.0	0.0
8	23	9	235	W6	17.5	8.7	73.4	0.3	0.0	0.0
8	28	9	240	W6	29.2	2.8	67.8	0.2	0.0	0.0
9	6	9	248	W6	29.3	2.2	67.2	0.8	0.0	0.0
9	11	9	253	W6	18.4	13.5	77.8	0.3	0.0	0.0
9	17	9	259	W6	28.5	3.4	67.3	0.8	0.0	0.0
9	26	9	268	W6	27.5	5.4	66.5	0.6	0.0	0.0

FIELD GAS ANALYSIS

MO	DA	YR	DAY NO	LOC	CO2	O2	N2	CH4	H2S	CO
1	2	9	2	X1	34.4	2.4	62.3	1.0	0.0	0.0
1	14	9	14	X1	16.2	3.5	79.6	0.5	0.0	0.0
2	6	9	37	X1	17.1	3.8	78.7	0.4	0.0	0.0
2	25	9	56	X1	16.1	3.5	80.0	0.4	0.0	0.0
3	18	9	77	X1	16.4	4.1	79.2	0.4	0.0	0.0
3	26	9	85	X1	12.3	8.2	79.4	0.2	0.0	0.0
4	2	9	92	X1	14.4	5.6	79.3	0.3	0.0	0.0
4	9	9	99	X1	17.9	5.2	76.7	0.3	0.0	0.0
4	16	9	106	X1	19.3	9.2	71.2	0.4	0.0	0.0
4	25	9	115	X1	19.4	5.4	75.0	0.3	0.0	0.0
5	1	9	121	X1	35.3	7.7	56.6	0.4	0.0	0.0
5	8	9	128	X1	21.8	5.1	72.8	0.2	0.0	0.0
5	13	9	133	X1	22.3	5.3	72.1	0.1	0.0	0.0
5	22	9	142	X1	17.6	8.9	73.3	0.1	0.0	0.0
5	27	9	147	X1	21.4	5.3	73.2	0.1	0.0	0.0
6	6	9	156	X1	20.8	5.7	73.4	0.1	0.0	0.0
6	11	9	161	X1	22.6	4.7	72.4	0.2	0.0	0.0
6	18	9	168	X1	18.5	4.1	77.2	0.2	0.0	0.0
6	26	9	176	X1	20.1	3.9	75.9	0.2	0.0	0.0
7	3	9	184	X1	22.3	3.9	73.4	0.4	0.0	0.0
7	25	9	205	X1	10.5	4.5	84.7	0.2	0.0	0.0
8	1	9	212	X1	17.7	14.7	68.3	0.0	0.0	0.0
8	7	9	214	X1	17.7	14.1	68.3	0.4	0.0	0.0
8	19	9	226	X1	10.5	13.5	75.3	0.6	0.0	0.0
8	23	9	235	X1	6.0	16.4	76.9	0.5	0.0	0.0
8	28	9	240	X1	14.1	6.3	79.0	0.6	0.0	0.0
9	6	9	248	X1	35.7	7.3	56.2	0.6	0.0	0.0
9	11	9	253	X1	25.3	3.9	72.0	0.5	0.0	0.0
9	17	9	259	X1	40.5	9.7	46.3	3.8	0.0	0.0
9	26	9	268	X1	38.5	9.3	46.7	1.8	0.0	0.0

FIELD GAS ANALYSIS

MO	DA	YR	DAY NO	LOC	CO2	O2	N2	CH4	H2S	CO
1	2	9	2	X2	20.4	2.0	76.8	0.8	0.0	0.0
1	14	9	14	X2	21.3	2.3	75.6	0.8	0.0	0.0
2	6	9	37	X2	21.7	1.8	76.0	0.6	0.0	0.0
2	25	9	56	X2	20.2	1.4	77.8	0.5	0.0	0.0
3	18	9	77	X2	20.2	1.5	77.8	0.5	0.0	0.0
3	26	9	85	X2	20.6	1.5	77.5	0.4	0.0	0.0
4	2	9	92	X2	21.4	1.1	77.1	0.4	0.0	0.0
4	9	9	99	X2	21.5	1.2	76.8	0.5	0.0	0.0
4	16	9	106	X2	24.7	1.0	73.9	0.4	0.0	0.0
4	25	9	115	X2	0.0	0.0	0.0	0.0	0.0	0.0
5	1	9	121	X2	22.5	2.9	73.7	0.8	0.0	0.0
5	8	9	128	X2	25.5	2.9	71.2	0.2	0.0	0.0
5	13	9	133	X2	28.0	0.9	70.7	0.4	0.0	0.0
5	22	9	142	X2	26.9	1.9	70.8	0.3	0.0	0.0
5	27	9	147	X2	27.8	1.1	70.7	0.3	0.0	0.0
6	6	9	156	X2	27.1	1.6	70.9	0.2	0.0	0.0
6	11	9	161	X2	30.4	0.9	69.6	0.4	0.0	0.0
6	18	9	168	X2	31.2	1.4	67.2	0.2	0.0	0.0
6	26	9	176	X2	29.9	2.3	67.1	0.6	0.0	0.0
7	3	9	184	X2	25.3	1.6	72.3	0.2	0.0	0.0
7	25	9	205	X2	29.6	2.5	67.2	0.6	0.0	0.0
8	1	9	212	X2	25.2	13.1	61.2	0.4	0.0	0.0
8	7	9	214	X2	25.2	13.1	61.2	0.4	0.0	0.0
8	19	9	226	X2	21.9	6.1	70.9	0.9	0.0	0.0
8	23	9	235	X2	28.5	1.5	69.4	0.5	0.0	0.0
8	28	9	240	X2	27.1	2.1	69.0	1.7	0.0	0.0
9	6	9	248	X2	31.1	6.9	60.7	1.2	0.0	0.0
9	11	9	253	X2	30.2	1.1	59.4	0.6	0.0	0.0
9	17	9	259	X2	21.5	1.2	75.6	1.6	0.0	0.0
9	26	9	268	X2	27.0	1.9	70.3	0.7	0.0	0.0

FIELD GAS ANALYSIS

MO	DA	YR	DAY NO	LOC	CO2	O2	N2	CH4	H2S	CO
1	2	9	2	X3	31.3	1.8	65.8	1.0	0.0	0.0
1	14	9	14	X3	0.0	0.0	0.0	0.0	0.0	0.0
2	6	9	37	X3	28.5	1.3	69.4	0.7	0.0	0.0
2	25	9	56	X3	25.2	1.5	72.6	0.7	0.0	0.0
3	18	9	77	X3	24.3	1.4	73.7	0.6	0.0	0.0
3	26	9	85	X3	22.2	1.3	75.9	0.6	0.0	0.0
4	2	9	92	X3	24.6	1.5	73.2	0.6	0.0	0.0
4	9	9	99	X3	27.1	1.2	73.2	0.6	0.0	0.0
4	16	9	106	X3	25.5	1.0	72.9	0.6	0.0	0.0
4	25	9	115	X3	25.5	0.9	73.0	0.6	0.0	0.0
5	1	9	121	X3	26.0	1.1	72.3	0.6	0.0	0.0
5	8	9	128	X3	30.1	1.0	68.7	0.0	0.0	0.0
5	13	9	133	X3	27.5	0.9	70.9	0.6	0.0	0.0
5	22	9	142	X3	26.7	1.5	71.3	0.5	0.0	0.0
5	27	9	147	X3	28.9	1.0	69.5	0.5	0.0	0.0
6	6	9	156	X3	26.6	0.8	72.0	0.6	0.0	0.0
6	11	9	161	X3	28.1	1.6	69.5	0.6	0.0	0.0
6	18	9	168	X3	29.2	1.3	68.9	0.2	0.0	0.0
6	26	9	176	X3	32.2	1.5	65.4	0.8	0.0	0.0
7	3	9	184	X3	28.1	1.4	69.8	0.5	0.0	0.0
7	25	9	205	X3	26.1	3.5	69.7	0.7	0.0	0.0
8	1	9	212	X3	26.5	4.1	68.4	0.9	0.0	0.0
8	7	9	218	X3	26.5	4.1	68.4	0.9	0.0	0.0
8	19	9	226	X3	22.2	5.8	71.1	0.8	0.0	0.0
8	23	9	235	X3	26.5	4.1	68.4	0.9	0.0	0.0
8	28	9	240	X3	31.5	2.2	64.7	1.6	0.0	0.0
9	6	9	248	X3	32.5	2.2	64.4	0.8	0.0	0.0
9	11	9	253	X3	32.5	2.2	63.6	1.7	0.0	0.0
9	17	9	259	X3	34.9	1.4	62.1	1.6	0.0	0.0
9	26	9	268	X3	33.4	2.1	62.4	2.7	0.0	0.0

FIELD GAS ANALYSIS

MO	DA	YR	DAY	NO	LOC	CO2	O2	N2	CH4	H2S	CO
1	2	9		2	X4	30.5	3.3	65.6	0.6	0.0	0.0
1	14	9		14	X4	24.5	4.6	70.2	0.7	0.0	0.0
2	6	9		37	X4	25.2	5.4	68.9	0.5	0.0	0.0
2	25	9		56	X4	19.8	6.3	73.4	0.4	0.0	0.0
3	18	9		77	X4	20.6	5.1	73.8	0.4	0.0	0.0
3	26	9		85	X4	28.9	7.0	63.8	0.3	0.0	0.0
4	2	9		92	X4	12.4	10.0	77.3	0.3	0.0	0.0
4	9	9		99	X4	16.2	6.6	76.7	0.4	0.0	0.0
4	16	9		106	X4	26.9	1.1	71.6	0.5	0.0	0.0
4	25	9		115	X4	22.3	4.6	72.7	0.4	0.0	0.0
5	1	9		121	X4	22.4	4.4	72.8	0.4	0.0	0.0
5	8	9		128	X4	18.8	6.7	74.2	0.2	0.0	0.0
5	13	9		133	X4	21.2	7.1	71.2	0.3	0.0	0.0
5	22	9		142	X4	17.7	6.2	81.6	0.4	0.0	0.0
5	27	9		147	X4	21.8	4.3	73.3	0.4	0.0	0.0
6	6	9		156	X4	19.6	0.8	74.6	0.6	0.0	0.0
6	11	9		161	X4	22.9	3.8	72.9	0.4	0.0	0.0
6	18	9		168	X4	30.3	3.7	65.6	0.3	0.0	0.0
6	26	9		176	X4	30.5	2.3	65.8	0.5	0.0	0.0
7	3	9		184	X4	19.4	5.0	75.2	0.3	0.0	0.0
7	25	9		205	X4	0.0	0.0	0.0	0.0	0.0	0.0
8	1	9		212	X4	17.1	14.1	68.2	0.5	0.0	0.0
8	7	9		219	X4	17.1	14.1	68.2	0.5	0.0	0.0
8	14	9		226	X4	13.7	17.8	68.3	0.1	0.0	0.0
8	23	9		235	X4	17.1	14.1	68.3	0.5	0.0	0.0
8	28	9		240	X4	26.1	2.5	71.1	0.3	0.0	0.0
9	8	9		248	X4	28.5	2.1	68.3	1.1	0.0	0.0
9	11	9		253	X4	27.1	2.5	70.0	0.4	0.0	0.0
9	17	9		259	X4	27.9	1.4	62.1	1.6	0.0	0.0
9	26	9		268	X4	28.0	2.6	67.3	2.1	0.0	0.0

FIELD GAS ANALYSIS

MO	DA	YR	DAY NO	LOC	CO2	O2	N2	CH4	H2S	CO
1	2	9	2	X5	33.1	1.9	64.5	0.5	0.0	0.0
1	14	9	14	X5	29.8	2.1	67.3	0.7	0.0	0.0
2	6	9	37	X5	31.6	1.2	66.7	0.5	0.0	0.0
2	25	9	56	X5	27.4	1.7	70.3	0.5	0.0	0.0
3	18	9	77	X5	26.5	2.3	70.7	0.4	0.0	0.0
3	26	9	85	X5	27.8	1.5	70.3	0.4	0.0	0.0
4	2	9	92	X5	26.5	2.0	71.0	0.5	0.0	0.0
4	9	9	99	X5	27.1	1.6	70.8	0.5	0.0	0.0
4	16	9	106	X5	26.9	1.7	70.9	0.5	0.0	0.0
4	25	9	115	X5	25.7	1.3	72.4	0.5	0.0	0.0
5	1	9	121	X5	27.5	1.3	70.7	0.5	0.0	0.0
5	8	9	128	X5	26.8	1.5	71.2	0.5	0.0	0.0
5	13	9	133	X5	27.5	1.3	70.7	0.4	0.0	0.0
5	22	9	142	X5	25.8	1.5	72.2	0.5	0.0	0.0
5	27	9	147	X5	23.7	1.4	74.4	0.5	0.0	0.0
6	6	9	156	X5	26.5	1.1	72.1	0.2	0.0	0.0
6	11	9	161	X5	27.5	1.2	70.7	0.4	0.0	0.0
6	18	9	168	X5	32.2	1.6	65.8	0.3	0.0	0.0
6	26	9	176	X5	31.4	2.3	65.8	0.4	0.0	0.0
7	3	9	184	X5	28.2	1.4	70.1	0.3	0.0	0.0
7	25	9	205	X5	0.0	0.0	0.0	0.0	0.0	0.0
8	1	9	212	X5	19.1	1.5	79.4	0.0	0.0	0.0
8	7	9	219	X5	19.1	1.5	79.4	0.0	0.0	0.0
8	14	9	226	X5	0.8	18.3	80.9	0.0	0.0	0.0
8	23	9	235	X5	1.5	19.1	79.8	0.0	0.0	0.0
8	28	9	240	X5	0.5	19.6	79.8	0.0	0.0	0.0
9	8	9	248	X5	1.5	18.6	78.8	0.0	0.0	0.0
9	11	9	251	X5	0.8	19.3	79.9	0.0	0.0	0.0
9	17	9	259	X5	0.0	0.0	0.0	0.0	0.0	0.0
9	26	9	268	X5	1.3	19.3	78.9	0.0	0.0	0.0

FIELD GAS ANALYSIS

MO	DA	YR	DAY NO	LLC	CO2	O2	N2	CH4	H2S	CO
1	2	9	2	X6	32.8	2.1	64.5	0.5	0.0	0.0
1	14	9	14	X6	29.1	1.3	69.1	0.5	0.0	0.0
2	6	9	37	X6	29.5	2.4	67.5	0.5	0.0	0.0
2	25	9	55	X6	31.7	1.2	67.1	0.0	0.0	0.0
3	18	9	77	X6	26.5	1.9	70.9	0.5	0.0	0.0
3	26	9	85	X6	0.0	0.0	0.0	0.0	0.0	0.0
4	2	9	92	X6	23.8	3.5	72.3	0.5	0.0	0.0
4	9	9	99	X6	27.9	1.1	70.5	0.6	0.0	0.0
4	16	9	106	X6	26.4	1.8	71.4	0.5	0.0	0.0
4	25	9	115	X6	27.9	0.9	70.7	0.5	0.0	0.0
5	1	9	121	X6	27.7	1.1	70.7	0.5	0.0	0.0
5	8	9	128	X6	26.1	1.1	72.1	0.4	0.0	0.0
5	13	9	133	X6	0.0	0.0	0.0	0.0	0.0	0.0
5	22	9	142	X6	25.5	1.4	72.9	0.0	0.0	0.0
5	27	9	147	X6	26.1	1.2	72.2	0.4	0.0	0.0
6	6	9	156	X6	28.7	0.9	69.7	0.5	0.0	0.0
6	11	9	161	X6	27.0	1.2	71.3	0.4	0.0	0.0
6	18	9	168	X6	27.4	1.2	70.9	0.4	0.0	0.0
6	26	9	176	X6	26.2	2.1	71.4	0.3	0.0	0.0
7	3	9	184	X6	29.1	0.9	69.4	0.4	0.0	0.0
7	25	9	205	X6	28.7	1.1	69.8	0.4	0.0	0.0
8	1	9	212	X6	19.1	0.9	79.9	0.0	0.0	0.0
8	7	9	219	X6	19.1	0.4	79.9	0.0	0.0	0.0
8	14	9	226	X6	12.7	10.2	76.5	0.5	0.0	0.0
8	23	9	235	X6	1.7	19.4	79.5	0.0	0.0	0.0
8	28	9	240	X6	21.6	1.9	76.2	0.3	0.0	0.0
9	8	9	249	X6	0.0	0.0	0.0	0.0	0.0	0.0
9	11	9	253	X6	28.9	1.7	67.7	0.5	0.0	0.0
9	17	9	259	X6	32.6	0.5	66.5	0.5	0.0	0.0
9	26	9	268	X6	31.4	1.2	67.1	0.3	0.0	0.0

FIELD GAS ANALYSIS

MO	DA	YR	DAY NO	LOC	CO2	O2	N2	CH4	H2S	CO
1	2	9	2	Y1	20.3	1.6	76.2	1.8	0.0	0.0
1	14	9	14	Y1	0.0	0.0	0.0	0.0	0.0	0.0
2	6	9	37	Y1	19.2	1.4	78.0	1.3	0.0	0.0
2	25	9	56	Y1	17.4	1.5	79.8	1.3	0.0	0.0
3	18	9	77	Y1	18.6	1.8	78.5	1.1	0.0	0.0
3	26	9	85	Y1	16.4	3.8	78.8	1.0	0.0	0.0
4	2	9	92	Y1	20.3	1.4	76.9	1.3	0.0	0.0
4	9	9	99	Y1	21.6	1.3	75.9	1.1	0.0	0.0
4	16	9	106	Y1	23.5	1.8	73.8	0.9	0.0	0.0
4	25	9	115	Y1	26.2	1.1	71.7	0.9	0.0	0.0
5	1	9	121	Y1	27.2	1.1	70.9	0.9	0.0	0.0
5	8	9	128	Y1	26.1	1.8	71.4	0.6	0.0	0.0
5	13	9	133	Y1	22.7	5.2	71.9	0.1	0.0	0.0
5	22	9	142	Y1	22.2	0.6	77.0	0.1	0.0	0.0
5	27	9	147	Y1	25.4	1.1	73.1	0.4	0.0	0.0
6	6	9	156	Y1	23.0	1.4	75.0	0.5	0.0	0.0
6	11	9	161	Y1	26.9	2.1	70.3	0.6	0.0	0.0
6	18	9	168	Y1	27.1	2.7	69.7	0.5	0.0	0.0
6	26	9	176	Y1	21.1	3.1	75.5	0.3	0.0	0.0
7	3	9	184	Y1	16.5	5.6	77.3	0.4	0.0	0.0
7	25	9	205	Y1	16.4	5.7	77.4	0.5	0.0	0.0
8	1	9	212	Y1	15.3	6.9	72.1	0.5	0.0	0.0
8	7	9	218	Y1	15.3	6.9	72.1	0.5	0.0	0.0
8	14	9	225	Y1	9.4	22.1	67.3	0.8	0.0	0.0
8	23	9	234	Y1	11.3	15.8	72.4	0.3	0.0	0.0
8	28	9	239	Y1	21.0	1.1	77.6	0.3	0.0	0.0
9	9	9	250	Y1	56.0	2.5	35.1	6.3	0.0	0.0
9	11	9	252	Y1	19.0	3.2	77.2	0.7	0.0	0.0
9	17	9	258	Y1	26.0	2.5	65.1	6.3	0.0	0.0
9	26	9	267	Y1	16.0	5.9	72.4	0.5	0.0	0.0

FIELD GAS ANALYSIS

MO	DA	YR	DAY NO	LOC	CO2	O2	N2	CH4	H2S	CO
1	2	9	2	Y2	21.3	1.1	76.3	1.3	0.0	0.0
1	14	9	14	Y2	20.2	2.2	76.3	1.3	0.0	0.0
2	6	9	37	Y2	21.5	1.8	75.7	1.0	0.0	0.0
2	25	9	56	Y2	19.6	1.4	78.1	0.9	0.0	0.0
3	18	9	77	Y2	20.2	1.5	77.5	0.8	0.0	0.0
3	26	9	85	Y2	20.2	1.7	77.3	0.8	0.0	0.0
4	2	9	92	Y2	23.1	1.6	74.7	0.6	0.0	0.0
4	9	9	99	Y2	21.1	1.3	76.9	0.7	0.0	0.0
4	16	9	106	Y2	22.3	1.6	75.7	0.4	0.0	0.0
4	25	9	115	Y2	0.0	0.0	0.0	0.0	0.0	0.0
5	1	9	121	Y2	25.8	1.1	72.9	0.2	0.0	0.0
5	8	9	128	Y2	24.2	1.5	73.5	0.7	0.0	0.0
5	13	9	133	Y2	26.1	1.2	71.8	0.7	0.0	0.0
5	22	9	142	Y2	23.5	2.9	72.8	0.6	0.0	0.0
5	27	9	147	Y2	24.6	1.6	74.5	0.4	0.0	0.0
6	6	9	156	Y2	26.8	1.8	70.6	0.6	0.0	0.0
6	11	9	161	Y2	27.7	1.7	69.8	0.7	0.0	0.0
6	18	9	168	Y2	23.9	1.3	74.0	0.7	0.0	0.0
6	26	9	176	Y2	27.3	1.6	70.4	0.6	0.0	0.0
7	3	9	184	Y2	27.0	1.8	70.0	1.2	0.0	0.0
7	25	9	205	Y2	27.0	1.8	70.0	1.2	0.0	0.0
8	1	9	212	Y2	24.3	1.6	73.0	1.2	0.0	0.0
8	7	9	219	Y2	24.3	1.6	73.0	1.2	0.0	0.0
8	14	9	226	Y2	12.1	5.0	81.1	0.7	0.0	0.0
8	23	9	235	Y2	0.0	0.0	0.0	0.0	0.0	0.0
8	28	9	240	Y2	24.3	2.4	71.9	1.4	0.0	0.0
9	9	9	248	Y2	0.0	0.0	0.0	0.0	0.0	0.0
9	11	9	253	Y2	20.9	4.3	73.9	0.8	0.0	0.0
9	17	9	259	Y2	20.3	5.4	72.1	1.2	0.0	0.0
9	26	9	268	Y2	19.1	5.1	74.2	1.6	0.0	0.0

FIELD GAS ANALYSIS

MO	DA	YR	DAY	NO	LOC	CO2	O2	N2	CH4	H2S	CO
1	2	9		2	Y3	28.9	2.6	67.8	0.7	0.0	0.0
1	14	9		14	Y3	0.0	0.0	0.0	0.0	0.0	0.0
2	6	9		37	Y3	15.5	1.4	82.7	0.3	0.0	0.0
2	25	9		56	Y3	8.3	15.1	76.5	0.1	0.0	0.0
3	18	9		77	Y3	20.6	4.7	74.2	0.5	0.0	0.0
3	26	9		85	Y3	0.0	0.0	0.0	0.0	0.0	0.0
4	2	9		92	Y3	21.9	2.9	74.7	0.5	0.0	0.0
4	9	9		99	Y3	23.9	1.8	73.7	0.6	0.0	0.0
4	16	9		106	Y3	23.1	1.7	74.3	0.9	0.0	0.0
4	25	9		115	Y3	23.2	1.4	74.9	0.5	0.0	0.0
5	1	9		121	Y3	25.0	1.3	72.2	0.5	0.0	0.0
5	8	9		128	Y3	20.9	3.4	75.1	0.6	0.0	0.0
5	13	9		133	Y3	0.0	0.0	0.0	0.0	0.0	0.0
5	22	9		142	Y3	0.0	0.0	0.0	0.0	0.0	0.0
5	27	9		147	Y3	24.4	2.6	72.3	0.7	0.0	0.0
6	6	9		156	Y3	25.8	1.8	71.6	0.7	0.0	0.0
6	11	9		161	Y3	21.1	5.5	73.0	0.4	0.0	0.0
6	18	9		168	Y3	8.4	9.1	82.2	0.1	0.0	0.0
6	26	9		176	Y3	24.8	2.7	73.9	0.4	0.0	0.0
7	3	9		184	Y3	20.5	5.9	72.9	0.6	0.0	0.0
7	25	9		205	Y3	20.5	5.9	72.9	0.5	0.0	0.0
8	1	9		212	Y3	16.8	6.5	76.2	0.4	0.0	0.0
8	7	9		219	Y3	16.8	6.5	76.2	0.4	0.0	0.0
8	14	9		226	Y3	15.7	10.6	73.5	0.2	0.0	0.0
8	23	9		235	Y3	12.4	12.1	75.2	0.3	0.0	0.0
8	28	9		240	Y3	16.7	10.4	72.7	0.3	0.0	0.0
9	9	9		248	Y3	28.0	2.9	67.2	0.5	0.0	0.0
9	11	9		253	Y3	16.6	10.5	72.4	0.6	0.0	0.0
9	17	9		259	Y3	18.0	7.9	72.2	0.5	0.0	0.0
9	26	9		268	Y3	0.0	0.0	0.0	0.0	0.0	0.0

FIELD GAS ANALYSIS

MO	DA	YR	DAY NO	LOC	CO2	O2	N2	CH4	H2S	CO
1	2	9	2	Y4	0.0	0.0	0.0	0.0	0.0	0.0
1	14	9	14	Y4	16.8	4.3	76.3	0.5	0.0	0.0
2	6	9	37	Y4	27.2	3.8	68.2	0.8	0.0	0.0
2	25	9	56	Y4	27.3	1.7	70.2	0.8	0.0	0.0
3	18	9	77	Y4	26.8	1.9	70.6	0.7	0.0	0.0
3	26	9	85	Y4	0.0	0.0	0.0	0.0	0.0	0.0
4	2	9	92	Y4	0.0	0.0	0.0	0.0	0.0	0.0
4	9	9	99	Y4	0.0	0.0	0.0	0.0	0.0	0.0
4	16	9	106	Y4	0.0	0.0	0.0	0.0	0.0	0.0
4	15	9	115	Y4	25.7	1.6	72.2	0.5	0.0	0.0
5	1	9	121	Y4	24.9	2.2	72.4	0.5	0.0	0.0
5	8	9	128	Y4	24.0	2.5	72.9	0.5	0.0	0.0
5	13	9	133	Y4	24.8	2.5	72.1	0.5	0.0	0.0
5	22	9	142	Y4	22.8	3.5	73.2	0.4	0.0	0.0
5	27	9	147	Y4	25.2	1.7	72.4	0.5	0.0	0.0
6	6	9	156	Y4	25.4	2.8	71.1	0.6	0.0	0.0
6	11	9	161	Y4	26.8	2.7	70.1	0.4	0.0	0.0
6	18	9	168	Y4	8.5	9.1	82.2	0.1	0.0	0.0
6	26	9	176	Y4	24.8	2.9	71.8	0.4	0.0	0.0
7	3	9	184	Y4	23.2	6.0	70.6	0.2	0.0	0.0
7	25	9	205	Y4	23.1	6.1	70.6	0.2	0.0	0.0
8	1	9	212	Y4	0.0	0.0	0.0	0.0	0.0	0.0
8	7	9	219	Y4	24.2	12.4	62.9	0.3	0.0	0.0
8	14	9	226	Y4	23.2	5.2	71.1	0.3	0.0	0.0
8	23	9	235	Y4	24.2	10.1	75.7	0.3	0.0	0.0
8	28	9	240	Y4	19.8	7.8	71.7	0.5	0.0	0.0
9	8	9	248	Y4	23.0	10.0	76.5	0.5	0.0	0.0
9	11	9	251	Y4	25.8	7.8	65.6	0.6	0.0	0.0
9	17	9	259	Y4	29.5	2.9	67.2	0.5	0.0	0.0
9	26	9	268	Y4	26.0	7.3	76.2	0.8	0.0	0.0

FIELD GAS ANALYSIS

MO	DA	YR	DAY NO	LOC	CO2	O2	N2	CH4	H2S	CO
1	2	9	2	Y5	30.0	2.5	66.9	0.6	0.0	0.0
1	14	9	14	Y5	21.5	7.5	70.5	0.6	0.0	0.0
2	6	9	37	Y5	27.6	3.6	68.2	0.5	0.0	0.0
2	25	9	56	Y5	23.6	4.6	71.2	0.5	0.0	0.0
3	18	9	77	Y5	25.7	2.4	71.3	0.6	0.0	0.0
3	26	9	85	Y5	24.7	2.7	72.1	0.5	0.0	0.0
4	2	9	92	Y5	22.6	3.4	73.5	0.5	0.0	0.0
4	9	9	99	Y5	24.1	2.8	72.6	0.5	0.0	0.0
4	16	9	106	Y5	23.3	3.1	73.1	0.5	0.0	0.0
4	15	9	115	Y5	25.9	1.5	72.0	0.5	0.0	0.0
5	1	9	121	Y5	26.4	1.2	71.8	0.6	0.0	0.0
5	8	9	128	Y5	22.2	3.1	74.3	0.4	0.0	0.0
5	13	9	133	Y5	26.0	1.3	72.1	0.5	0.0	0.0
5	22	9	142	Y5	23.2	5.4	70.3	1.0	0.0	0.0
5	27	9	147	Y5	23.9	2.4	73.2	0.5	0.0	0.0
6	6	9	156	Y5	22.6	1.4	75.6	0.4	0.0	0.0
6	11	9	161	Y5	27.3	1.2	70.4	0.4	0.0	0.0
6	18	9	168	Y5	24.9	1.2	73.4	0.4	0.0	0.0
6	26	9	176	Y5	25.9	2.4	71.3	0.3	0.0	0.0
7	3	9	184	Y5	23.6	4.4	71.6	0.2	0.0	0.0
7	25	9	205	Y5	23.6	4.3	71.7	0.3	0.0	0.0
8	1	9	212	Y5	21.1	6.3	72.3	0.3	0.0	0.0
8	7	9	219	Y5	21.1	6.3	72.3	0.3	0.0	0.0
8	14	9	226	Y5	14.7	9.8	75.2	0.2	0.0	0.0
8	23	9	235	Y5	21.5	5.8	72.4	0.3	0.0	0.0
8	28	9	240	Y5	22.9	7.6	8.9	0.5	0.0	0.0
9	8	9	248	Y5	23.1	6.2	70.3	0.4	0.0	0.0
9	11	9	253	Y5	20.8	5.5	73.4	0.3	0.0	0.0
9	17	9	259	Y5	26.5	2.8	70.1	0.6	0.0	0.0
9	26	9	268	Y5	29.4	3.9	66.2	0.5	0.0	0.0

FIELD GAS ANALYSIS

MO	DA	YR	DAY NO	LOC	CO2	O2	N2	CH4	H2S	CO
1	2	9	2	Y6	33.3	2.1	63.9	0.6	0.0	0.0
1	14	9	14	Y6	30.1	1.6	67.4	0.8	0.0	0.0
2	6	9	37	Y6	30.1	1.9	67.0	0.6	0.0	0.0
2	25	9	56	Y6	27.7	1.7	70.0	0.6	0.0	0.0
3	18	9	77	Y6	0.0	0.0	0.0	0.0	0.0	0.0
3	26	9	85	Y6	26.7	1.3	71.3	0.6	0.0	0.0
4	2	9	92	Y6	25.0	1.2	73.3	0.6	0.0	0.0
4	9	9	99	Y6	26.7	1.2	71.4	0.6	0.0	0.0
4	16	9	106	Y6	26.9	1.1	71.5	0.6	0.0	0.0
4	15	9	115	Y6	26.9	1.0	71.6	0.5	0.0	0.0
5	1	9	121	Y6	27.3	1.2	71.1	0.5	0.0	0.0
5	8	9	128	Y6	25.3	1.4	72.8	0.5	0.0	0.0
5	13	9	133	Y6	15.0	9.9	74.7	0.1	0.0	0.0
5	22	9	142	Y6	30.8	2.5	65.9	0.7	0.0	0.0
5	27	9	147	Y6	25.4	1.1	72.8	0.5	0.0	0.0
6	6	9	156	Y6	25.2	1.3	73.0	0.4	0.0	0.0
6	11	9	161	Y6	28.2	1.0	70.4	0.4	0.0	0.0
6	18	9	168	Y6	21.6	1.4	74.4	0.2	0.0	0.0
6	26	9	176	Y6	23.7	1.2	74.7	0.4	0.0	0.0
7	3	9	184	Y6	0.0	0.0	0.0	0.0	0.0	0.0
7	25	9	205	Y6	26.3	1.3	72.0	0.3	0.0	0.0
8	1	9	212	Y6	19.3	6.3	74.8	0.3	0.0	0.0
8	7	9	219	Y6	19.3	6.3	74.8	0.3	0.0	0.0
8	14	9	226	Y6	20.4	7.5	71.7	0.3	0.0	0.0
8	23	9	235	Y6	19.3	6.4	74.0	0.2	0.0	0.0
8	28	9	240	Y6	29.0	2.7	67.6	0.6	0.0	0.0
9	8	9	248	Y6	29.3	2.6	67.6	0.5	0.0	0.0
9	11	9	253	Y6	28.9	3.2	66.8	0.4	0.0	0.0
9	17	9	259	Y6	26.4	3.2	69.2	0.5	0.0	0.0
9	26	9	268	Y6	28.2	3.5	68.4	0.5	0.0	0.0

FIELD GAS ANALYSIS

MO	DA	YR	DAY	NO	LOC	CO2	O2	N2	CH4	H2S	CO
1	2	9		2	Z1	18.0	1.7	78.7	1.5	0.0	0.0
1	14	9		14	Z1	0.0	0.0	0.0	0.0	0.0	0.0
2	6	9		37	Z1	11.8	7.8	79.5	0.9	0.0	0.0
2	25	9		55	Z1	14.1	5.1	79.8	1.0	0.0	0.0
3	18	9		77	Z1	17.0	2.5	79.4	1.2	0.0	0.0
3	26	9		85	Z1	19.6	1.9	77.5	1.0	0.0	0.0
4	2	9		92	Z1	33.5	7.1	58.9	0.5	0.0	0.0
4	9	9		99	Z1	21.2	1.2	76.9	0.8	0.0	0.0
4	16	9		106	Z1	23.1	1.7	74.1	1.2	0.0	0.0
4	25	9		115	Z1	25.0	1.2	73.2	0.6	0.0	0.0
5	1	9		121	Z1	26.3	1.1	72.0	0.5	0.0	0.0
5	8	9		128	Z1	26.3	1.3	71.6	0.5	0.0	0.0
5	13	9		133	Z1	25.9	1.2	72.2	0.6	0.0	0.0
5	22	9		142	Z1	0.0	0.0	0.0	0.0	0.0	0.0
5	27	9		147	Z1	24.7	1.2	73.1	0.8	0.0	0.0
6	6	9		156	Z1	24.9	1.2	72.4	1.3	0.0	0.0
6	11	9		161	Z1	27.1	1.4	70.3	1.2	0.0	0.0
6	18	9		168	Z1	26.4	1.5	71.1	1.0	0.0	0.0
6	26	9		176	Z1	22.8	2.3	73.7	1.1	0.0	0.0
7	3	9		184	Z1	26.5	1.4	71.0	0.9	0.0	0.0
7	25	9		205	Z1	18.5	2.6	78.2	0.6	0.0	0.0
8	1	6		219	Z1	24.2	2.4	72.0	1.3	0.0	0.0
8	7	9		219	Z1	24.2	2.4	72.0	1.3	0.0	0.0
8	14	9		226	Z1	3.7	18.0	77.8	0.4	0.0	0.0
8	23	9		235	Z1	24.2	2.4	72.0	1.3	0.0	0.0
8	28	9		240	Z1	0.0	0.0	0.0	0.0	0.0	0.0
9	6	9		248	Z1	14.2	7.4	77.0	1.3	0.0	0.0
9	11	9		253	Z1	5.7	18.0	75.3	1.8	0.0	0.0
9	17	9		259	Z1	0.0	0.0	0.0	0.0	0.0	0.0
9	26	9		268	Z1	8.5	12.6	78.0	0.8	0.0	0.0

FIELD GAS ANALYSIS

MO	DA	YR	DAY NO	LOC	CO2	O2	N2	CH4	H2S	CO
1	2	9	2	Z2	0.0	0.0	0.0	0.0	0.0	0.0
1	14	9	14	Z2	22.2	1.9	74.1	1.7	0.0	0.0
2	6	9	37	Z2	24.4	2.2	72.0	1.4	0.0	0.0
2	25	9	55	Z2	22.0	1.3	75.4	1.4	0.0	0.0
3	18	9	77	Z2	21.3	1.7	75.8	1.2	0.0	0.0
3	26	9	85	Z2	23.0	1.6	74.2	1.2	0.0	0.0
4	2	9	92	Z2	0.0	0.0	0.0	0.0	0.0	0.0
4	9	9	99	Z2	22.6	1.2	75.2	1.0	0.0	0.0
4	16	9	106	Z2	22.8	1.7	73.6	1.8	0.0	0.0
4	25	9	115	Z2	25.1	1.1	72.9	0.9	0.0	0.0
5	1	9	121	Z2	25.5	1.1	72.7	0.7	0.0	0.0
5	8	9	128	Z2	24.7	1.5	72.3	1.4	0.0	0.0
5	13	9	133	Z2	26.6	1.2	70.8	1.3	0.0	0.0
5	22	9	142	Z2	26.1	1.7	71.5	0.6	0.0	0.0
5	27	9	147	Z2	27.2	1.2	70.9	0.7	0.0	0.0
6	6	9	156	Z2	28.5	1.4	69.4	0.7	0.0	0.0
6	11	9	161	Z2	29.8	1.2	68.3	0.6	0.0	0.0
6	18	9	168	Z2	30.3	1.1	67.8	0.4	0.0	0.0
6	26	9	176	Z2	26.9	1.4	70.7	0.8	0.0	0.0
7	3	9	184	Z2	30.9	1.2	67.2	0.6	0.0	0.0
7	25	9	205	Z2	27.4	1.3	70.1	1.1	0.0	0.0
8	1	6	219	Z2	9.6	6.1	83.6	0.7	0.0	0.0
8	7	9	219	Z2	9.6	6.1	83.6	0.7	0.0	0.0
8	14	9	226	Z2	15.1	10.7	73.1	0.6	0.0	0.0
8	23	9	235	Z2	9.6	6.2	83.6	0.7	0.0	0.0
8	28	9	240	Z2	12.7	8.1	73.1	6.1	0.0	0.0
9	6	9	248	Z2	25.5	1.7	72.0	0.8	0.0	0.0
9	11	9	253	Z2	27.1	1.1	70.8	0.9	0.0	0.0
9	17	9	259	Z2	33.2	2.1	61.8	2.9	0.0	0.0
9	26	9	268	Z2	29.8	1.0	68.7	0.7	0.0	0.0

FIELD GAS ANALYSIS

MO	DA	YR	DAY NO	LOC	CO2	O2	N2	CH4	H2S	CO
1	2	9	2	Z3	0.0	0.0	0.0	0.0	0.0	0.0
1	14	9	14	Z3	18.4	7.5	72.9	1.1	0.0	0.0
2	6	9	37	Z3	18.5	12.8	68.0	1.0	0.0	0.0
2	25	9	55	Z3	12.0	6.7	80.1	1.2	0.0	0.0
3	18	9	77	Z3	17.0	7.3	74.8	0.9	0.0	0.0
3	26	9	85	Z3	0.0	0.0	0.0	0.0	0.0	0.0
4	2	9	92	Z3	18.2	9.2	76.0	0.7	0.0	0.0
4	9	9	99	Z3	13.8	9.0	76.6	0.6	0.0	0.0
4	16	9	106	Z3	13.9	9.5	76.0	0.6	0.0	0.0
4	25	9	115	Z3	16.2	7.9	75.4	0.5	0.0	0.0
5	1	9	121	Z3	65.4	3.6	30.9	0.2	0.0	0.0
5	8	9	128	Z3	15.7	8.7	75.1	0.4	0.0	0.0
5	13	9	133	Z3	26.2	0.9	72.2	0.5	0.0	0.0
5	22	9	142	Z3	17.7	7.7	74.3	0.4	0.0	0.0
5	27	9	147	Z3	0.0	0.0	0.0	0.0	0.0	0.0
6	6	9	156	Z3	19.6	4.4	75.6	0.4	0.0	0.0
6	11	9	161	Z3	20.8	6.5	72.2	0.4	0.0	0.0
6	18	9	168	Z3	19.4	7.3	72.8	0.4	0.0	0.0
6	26	9	176	Z3	24.5	7.3	67.7	0.5	0.0	0.0
7	3	9	184	Z3	21.9	6.2	71.4	0.4	0.0	0.0
7	25	9	205	Z3	17.4	7.5	74.6	0.6	0.0	0.0
8	1	6	219	Z3	16.4	8.2	74.8	0.5	0.0	0.0
8	7	9	219	Z3	16.4	8.2	74.8	0.5	0.0	0.0
8	14	9	226	Z3	3.4	18.1	78.1	0.5	0.0	0.0
8	23	9	235	Z3	16.4	8.2	74.8	0.4	0.0	0.0
8	28	9	240	Z3	18.9	8.8	71.8	0.2	0.0	0.0
9	6	9	248	Z3	18.8	13.2	67.7	0.3	0.0	0.0
9	11	9	253	Z3	18.4	7.9	72.5	1.1	0.0	0.0
9	17	9	259	Z3	21.6	8.9	67.7	1.6	0.0	0.0
9	26	9	268	Z3	19.4	4.6	75.4	0.6	0.0	0.0

FIELD GAS ANALYSIS

MO	DA	YR	DAY NO	LOC	CO2	O2	N2	CH4	H2S	CO
1	2	9	2	Z4	0.0	0.0	0.0	0.0	0.0	0.0
1	14	9	14	Z4	0.0	0.0	0.0	0.0	0.0	0.0
2	6	9	37	Z4	0.0	0.0	0.0	0.0	0.0	0.0
2	25	9	55	Z4	0.0	0.0	0.0	0.0	0.0	0.0
3	18	9	77	Z4	0.0	0.0	0.0	0.0	0.0	0.0
3	26	9	85	Z4	0.0	0.0	0.0	0.0	0.0	0.0
4	2	9	92	Z4	0.0	0.0	0.0	0.0	0.0	0.0
4	9	9	99	Z4	0.0	0.0	0.0	0.0	0.0	0.0
4	16	9	106	Z4	0.0	0.0	0.0	0.0	0.0	0.0
4	25	9	115	Z4	0.0	0.0	0.0	0.0	0.0	0.0
5	1	9	121	Z4	0.0	0.0	0.0	0.0	0.0	0.0
5	8	9	128	Z4	0.0	0.0	0.0	0.0	0.0	0.0
5	13	9	133	Z4	25.5	1.9	72.0	0.6	0.0	0.0
5	22	9	142	Z4	1.1	19.5	79.4	0.0	0.0	0.0
5	27	9	147	Z4	0.5	19.5	79.8	0.0	0.0	0.0
6	6	9	156	Z4	4.8	45.7	49.4	0.0	0.0	0.0
6	11	9	161	Z4	1.1	16.9	81.9	0.0	0.0	0.0
6	18	9	168	Z4	1.4	19.4	79.1	0.0	0.0	0.0
6	26	9	176	Z4	0.7	16.9	82.9	0.0	0.0	0.0
7	3	9	184	Z4	1.0	16.9	81.9	0.0	0.0	0.0
7	25	9	205	Z4	0.7	19.4	79.8	0.0	0.0	0.0
8	1	9	212	Z4	0.0	0.0	0.0	0.0	0.0	0.0
8	7	9	219	Z4	0.0	0.0	0.0	0.0	0.0	0.0
8	14	9	226	Z4	0.0	0.0	0.0	0.0	0.0	0.0
8	23	9	235	Z4	0.0	0.0	0.0	0.0	0.0	0.0
8	28	9	240	Z4	0.0	0.0	0.0	0.0	0.0	0.0
9	6	9	248	Z4	0.0	0.0	0.0	0.0	0.0	0.0
9	11	9	253	Z4	0.0	0.0	0.0	0.0	0.0	0.0
9	17	9	259	Z4	0.0	0.0	0.0	0.0	0.0	0.0
9	26	9	268	Z4	0.0	0.0	0.0	0.0	0.0	0.0

FIELD GAS ANALYSIS

MO	DA	YR	DAY NO	LOC	CO2	O2	N2	CH4	H2S	CO
1	2	9	2	25	37.1	1.3	60.9	0.7	0.0	0.0
1	14	9	14	25	32.5	2.1	64.7	0.7	0.0	0.0
2	6	9	37	25	35.1	1.4	62.8	0.7	0.0	0.0
2	25	9	55	25	30.0	1.3	67.8	0.8	0.0	0.0
3	18	9	77	25	29.8	1.1	68.3	0.8	0.0	0.0
3	26	9	85	25	29.0	1.1	69.2	0.7	0.0	0.0
4	2	9	92	25	29.8	1.2	68.2	0.9	0.0	0.0
4	9	9	99	25	28.5	0.9	69.9	0.7	0.0	0.0
4	16	9	106	25	28.8	1.1	69.4	0.7	0.0	0.0
4	25	9	115	25	29.5	0.8	69.1	0.6	0.0	0.0
5	1	9	121	25	29.0	1.1	69.2	6.7	0.0	0.0
5	8	9	128	25	28.3	0.4	70.6	0.5	0.0	0.0
5	13	9	133	25	28.8	1.1	69.5	0.6	0.0	0.0
5	22	9	142	25	27.7	1.1	70.5	0.7	0.0	0.0
5	27	9	147	25	27.6	1.0	70.8	0.5	0.0	0.0
6	6	9	156	25	28.1	1.5	69.9	0.5	0.0	0.0
6	11	9	161	25	27.7	1.3	70.3	0.6	0.0	0.0
6	18	9	168	25	27.9	1.1	70.3	0.6	0.0	0.0
6	26	9	176	25	27.7	1.1	70.6	0.6	0.0	0.0
7	3	9	184	25	28.4	1.2	67.6	0.6	0.0	0.0
7	25	9	205	25	25.3	2.2	72.0	0.5	0.0	0.0
8	1	9	212	25	28.9	0.6	69.8	0.5	0.0	0.0
8	7	9	219	25	28.9	0.6	69.8	0.5	0.0	0.0
8	14	9	226	25	0.3	16.2	83.1	0.3	0.0	0.0
8	23	9	235	25	28.9	0.6	69.8	0.8	0.0	0.0
8	28	9	240	25	29.6	3.8	65.2	1.4	0.0	0.0
9	6	9	248	25	35.4	1.1	62.7	0.8	0.0	0.0
9	11	9	253	25	37.3	1.1	60.7	0.9	0.0	0.0
9	17	9	259	25	27.6	7.2	65.5	0.6	0.0	0.0
9	26	9	268	25	26.8	1.9	9.5	1.6	0.0	0.0

FIELD GAS ANALYSIS

MO	DA	YR	DAY NO	LOC	CO2	O2	N2	CH4	H2S	CO
1	2	9	2	Z6	37.5	1.8	60.1	0.7	0.0	0.0
1	14	9	14	Z6	31.9	3.0	64.4	0.7	0.0	0.0
2	6	9	37	Z6	32.2	2.6	64.6	0.7	0.0	0.0
2	25	9	55	Z6	29.4	1.6	68.2	0.8	0.0	0.0
3	18	9	77	Z6	29.5	2.2	67.5	0.8	0.0	0.0
3	26	9	85	Z6	26.5	1.8	71.2	0.4	0.0	0.0
4	2	9	92	Z6	27.3	1.3	70.1	0.7	0.0	0.0
4	9	9	99	Z6	28.7	1.1	69.5	0.8	0.0	0.0
4	16	9	106	Z6	25.0	2.1	72.4	0.5	0.0	0.0
4	25	9	115	Z6	0.0	0.0	0.0	0.0	0.0	0.0
5	1	9	121	Z6	35.8	1.5	61.9	0.8	0.0	0.0
5	8	9	128	Z6	27.2	1.6	70.8	0.2	0.0	0.0
5	13	9	133	Z6	25.8	1.1	72.6	0.5	0.0	0.0
5	22	9	142	Z6	26.8	1.9	70.6	0.5	0.0	0.0
5	27	9	147	Z6	36.1	1.0	62.4	0.4	0.0	0.0
6	6	9	156	Z6	26.1	2.2	71.1	0.4	0.0	0.0
6	11	9	161	Z6	27.6	1.3	70.4	0.5	0.0	0.0
6	18	9	168	Z6	28.1	1.4	69.9	0.5	0.0	0.0
6	26	9	176	Z6	26.8	1.5	71.2	0.4	0.0	0.0
7	3	9	184	Z6	27.1	1.3	70.9	0.0	0.0	0.0
7	25	9	205	Z6	22.3	3.7	73.7	0.4	0.0	0.0
8	1	9	212	Z6	8.5	4.7	86.7	0.1	0.0	0.0
8	7	9	219	Z6	8.5	4.7	86.7	0.1	0.0	0.0
8	14	9	226	Z6	15.1	5.1	79.3	0.3	0.0	0.0
8	23	9	235	Z6	8.5	4.6	86.7	0.1	0.0	0.0
8	28	9	240	Z6	27.4	4.1	68.1	0.4	0.0	0.0
9	6	9	248	Z6	28.3	1.5	61.9	0.9	0.0	0.0
9	11	9	253	Z6	32.2	2.6	64.2	0.8	0.0	0.0
9	17	9	259	Z6	21.6	7.2	70.3	0.6	0.0	0.0
9	26	9	268	Z6	31.1	1.7	66.3	0.8	0.0	0.0

SECTION 2-C

FIELD GROUND-WATER SAMPLES

Notes:

1. Nomenclature; same as Section 1-C.
2. Zeros indicate test not run.
3. Well numbers are indicated in Figure 2.

FIELD CHEMICAL ANALYSIS

MO	DA	YR	DAY NO	WELL NO	FE MG/L	ZN MG/L	NI MG/L	CU MG/L	TDS MG/L	ALK MG/L	NO3 MG/L
3	4	0	27	1	0.0	0.04	0.0	0.0	79	20	6.3
3	25	0	56	1	0.04	0.06	0.0	0.0	80	25	5.3
3	26	0	85	1	0.0	0.14	0.0	0.0	75	16	5.1
4	25	0	115	1	0.0	0.04	0.0	0.0	70	23	5.6
5	22	0	142	1	0.0	0.07	0.0	0.0	78	25	4.0
6	19	0	169	1	0.0	0.03	0.0	0.0	60	31	6.0
7	17	0	198	1	0.0	0.04	0.0	0.0	61	2	6.0
8	14	0	226	1	0.0	0.04	0.0	0.0	76	0	5.6
9	11	0	254	1	0.0	0.01	0.0	0.0	60	23	6.0

FIELD CHEMICAL ANALYSIS

MO	DA	YR	DAY NO	WELL	PH	HARD	PO4	SO4	CL	NA	SS
2	4	0	37	1	6.4	45.0	0.2	8.0	10.0	6.0	125.0
2	25	0	56	1	6.5	50.0	0.5	5.0	9.0	7.0	170.0
3	24	0	85	1	6.0	57.0	0.4	8.0	11.0	5.0	157.0
4	25	0	115	1	6.5	45.0	0.2	2.0	10.0	6.0	98.0
5	22	0	142	1	6.1	58.0	0.3	3.0	10.0	6.0	25.0
6	19	0	170	1	5.8	48.0	0.1	3.0	16.0	6.0	0.0
7	17	0	198	1	4.3	42.0	0.0	3.0	10.0	9.0	0.0
8	14	0	226	1	4.3	41.0	0.1	3.0	10.0	5.0	0.0
9	11	0	254	1	5.3	47.0	0.4	3.0	10.0	8.0	0.0

FIELD CHEMICAL ANALYSIS

MO	DA	YR	DAY NO	WELL	N FREE	NAMON	COD	BOD	RES	%VOL	MPN
2	6	9	37	1	0.0	0.3	48.0	0.0	0.0	10.3	0.0
2	25	9	56	1	0.0	0.4	50.0	0.0	140.0	20.3	0.0
3	26	9	85	1	0.0	0.4	26.0	0.0	115.0	14.9	0.0
4	25	9	115	1	0.0	0.5	43.0	0.0	70.0	18.7	0.0
5	22	9	142	1	0.0	0.8	20.0	0.0	143.0	0.0	0.0
6	18	9	169	1	0.0	0.5	18.0	0.0	120.0	15.2	0.0
7	17	9	198	1	0.0	0.6	0.0	0.0	70.0	12.3	0.0
8	14	9	226	1	0.0	0.2	0.0	0.0	0.0	0.0	0.0
9	11	9	254	1	0.0	0.2	0.0	0.0	0.0	0.0	0.0

FIELD CHEMICAL ANALYSIS

MO	DA	YR	DAY NO	WELL NO	FE MG/L	ZN MG/L	NI MG/L	CU MG/L	TDS MG/L	ALK MG/L	NO3 MG/L
2	4	0	37	2	0.0	0.01	0.0	0.0	81	12	6.7
2	25	0	56	2	0.0	0.03	0.0	0.0	80	12	4.0
3	26	0	85	2	0.0	0.05	0.0	0.0	82	16	5.2
4	25	0	115	2	0.0	0.02	0.0	0.0	75	27	4.9
5	22	0	142	2	0.0	0.04	0.0	0.0	80	28	5.4
6	19	0	169	2	0.0	0.01	0.0	0.0	55	31	5.8
7	17	0	198	2	0.0	0.02	0.0	0.0	62	0	6.2
8	14	0	226	2	0.0	0.04	0.0	0.0	76	0	6.2
9	11	0	254	2	0.0	0.01	0.0	0.0	68	21	6.1

FIELD CHEMICAL ANALYSIS

MO	DA	YR	DAY NO	WELL	PH	HARD	PO4	SO4	CL	NA	SS
2	6	0	37	2	7.0	62.0	0.5	4.0	16.0	6.0	0.0
2	25	0	56	2	6.8	48.0	0.4	5.0	16.0	7.0	160.0
3	26	0	85	2	6.3	62.0	0.4	4.0	14.0	6.0	70.0
4	25	0	115	2	6.3	81.0	0.5	3.0	13.0	6.0	95.0
5	22	0	142	2	6.0	55.0	0.4	3.0	15.0	6.0	35.0
6	18	0	169	2	5.8	48.0	0.1	2.0	22.0	6.0	18.0
7	17	0	198	2	4.9	42.0	0.2	3.0	12.0	6.0	0.0
8	14	0	226	2	4.9	43.0	0.5	2.0	12.0	5.0	0.0
9	11	0	254	2	5.1	0.0	0.4	3.0	12.0	0.0	0.0

FIELD CHEMICAL ANALYSIS

MO	DA	YR	DAY NO	WELL	N FREE	NAMON	COD	BOD	RES	%VOL	MPN
2	4	0	37	2	0.0	0.5	96.0	0.0	380.0	57.7	0.0
2	25	0	54	2	0.0	0.2	121.0	0.0	180.0	37.5	0.0
3	26	0	85	2	0.0	0.5	39.0	0.0	140.0	0.0	0.0
4	25	0	115	2	0.0	0.5	36.0	0.0	80.0	0.0	0.0
5	22	0	142	2	0.0	0.8	5.0	0.0	160.0	19.1	0.0
6	18	0	169	2	0.0	0.3	22.0	0.0	170.0	33.3	0.0
7	17	0	198	2	0.0	0.6	15.0	0.0	126.0	31.5	0.0
8	14	0	226	2	0.0	0.3	0.0	0.0	0.0	0.0	0.0
9	11	0	254	2	0.0	0.3	0.0	0.0	0.0	0.0	0.0

FIELD CHEMICAL ANALYSIS

MO	DA	YR	DAY NO	WELL NO	FE MG/L	ZN MG/L	NI MG/L	CU MG/L	TDS MG/L	ALK MG/L	NO3 MG/L
1	2	3	2	3	0.40	0.12	0.0	0.0	45	22	3.9
1	14	3	14	3	0.0	0.09	0.0	0.0	47	14	4.2
2	4	3	37	3	0.0	0.01	0.0	0.0	45	14	4.1
2	25	3	54	3	0.06	0.06	0.0	0.0	47	10	3.2
3	10	3	77	3	0.0	0.0	0.0	0.0	48	14	2.9
3	24	3	85	3	0.0	0.07	0.0	0.0	49	12	3.4
4	2	3	92	3	0.42	0.0	0.0	0.0	45	24	3.6
4	3	3	93	3	0.05	0.00	0.0	0.0	50	30	4.0
4	14	3	104	3	0.0	0.11	0.0	0.0	56	30	3.9
4	25	3	115	3	0.07	0.04	0.0	0.0	50	23	6.6
5	1	3	121	3	0.14	0.04	0.0	0.0	44	29	4.0
5	8	3	128	3	0.0	0.05	0.0	0.0	50	25	0.0
5	13	3	133	3	0.0	0.02	0.0	0.0	44	26	0.0
5	22	3	142	3	0.07	0.05	0.0	0.0	45	31	0.0
5	27	3	147	3	0.28	0.0	0.0	0.0	0	28	0.0
6	6	3	157	3	0.0	0.0	0.0	0.0	0	26	0.0
6	18	3	169	3	0.0	0.01	0.0	0.0	42	26	4.1
6	24	3	177	3	0.0	0.03	0.0	0.0	37	28	4.2
7	2	3	184	3	0.0	0.03	0.0	0.0	39	31	4.2
7	11	3	193	3	0.0	0.04	0.0	0.0	41	3	3.5
7	17	3	199	3	0.34	0.05	0.0	0.0	40	8	4.2
7	25	3	207	3	0.0	0.05	0.0	0.10	41	12	0.8
8	1	3	213	3	0.0	0.03	0.0	0.0	41	7	4.4
8	7	3	219	3	0.0	0.03	0.0	0.0	40	4	4.2
8	14	3	226	3	0.0	0.03	0.0	0.0	41	7	4.1
8	22	3	235	3	0.08	0.03	0.0	0.0	41	6	3.9
8	28	3	241	3	0.0	0.03	0.0	0.0	41	0	3.9
9	5	3	249	3	0.06	0.03	0.0	0.0	0	0	3.9
9	11	3	254	3	0.0	0.01	0.0	0.0	43	7	4.2
9	17	3	260	3	0.01	0.01	0.0	0.0	42	11	4.5
9	24	3	267	3	0.0	0.01	0.0	0.0	42	7	4.3

FIELD CHEMICAL ANALYSIS

MO	DA	YR	DAY NO	WELL	PH	HARD	PO4	SO4	CL	NA	SS
1	2	0	2	2	5.4	28.0	3.0	1.0	7.0	5.0	25.0
1	14	0	14	2	6.2	28.0	0.2	1.0	8.0	5.0	0.0
2	6	0	37	2	7.1	30.0	0.2	1.0	8.0	5.0	160.0
2	25	0	56	2	7.0	28.0	0.3	2.0	9.0	5.0	174.0
3	14	0	77	2	6.1	26.0	0.0	1.0	8.0	5.0	75.0
3	26	0	85	2	6.7	25.0	0.3	2.0	8.0	5.0	0.0
4	2	0	92	2	6.1	21.0	0.4	1.0	10.0	5.0	148.0
4	9	0	99	2	6.2	35.0	0.4	1.0	10.0	5.0	87.0
4	16	0	106	2	6.3	24.0	0.2	2.0	8.0	6.0	34.0
4	25	0	115	2	6.7	24.0	0.2	2.0	11.0	5.0	45.0
5	1	0	121	2	6.2	27.0	0.3	2.0	4.0	6.0	36.0
5	8	0	128	2	6.4	28.0	0.3	2.0	5.0	5.0	24.0
5	12	0	132	2	6.2	25.0	0.2	2.0	6.0	5.0	20.0
5	22	0	142	2	6.1	25.0	0.2	2.0	8.0	6.0	29.0
5	27	0	147	2	6.2	28.0	0.2	1.0	9.0	5.0	28.0
6	4	0	154	2	6.2	24.0	0.2	2.0	8.0	5.0	25.0
6	11	0	161	2	6.2	25.0	0.2	2.0	8.0	6.0	27.0
6	19	0	169	2	6.1	26.0	0.3	2.0	8.0	5.0	26.0
6	24	0	174	2	6.0	24.0	0.4	2.0	8.0	5.0	30.0
7	4	0	184	2	6.0	27.0	0.3	2.0	10.0	6.0	71.0
7	11	0	191	2	6.0	27.0	0.3	2.0	10.0	5.0	19.0
7	17	0	197	2	6.0	26.0	0.3	2.0	10.0	6.0	18.0
7	25	0	205	2	5.9	40.0	0.4	2.0	10.0	5.0	0.0
8	1	0	213	2	6.1	26.0	0.4	2.0	10.0	5.0	0.0
8	7	0	219	2	5.9	24.0	0.3	2.0	10.0	6.0	0.0
8	16	0	228	2	5.1	20.0	0.3	2.0	12.0	5.0	0.0
8	21	0	233	2	6.0	21.0	0.4	2.0	10.0	5.0	0.0
8	28	0	240	2	6.0	24.0	0.4	2.0	10.0	5.0	0.0
9	4	0	247	2	6.0	23.0	0.4	2.0	10.0	5.0	0.0
9	11	0	254	2	5.1	20.0	0.3	2.0	10.0	5.0	0.0
9	17	0	260	2	6.0	21.0	0.4	2.0	10.0	5.0	0.0
9	24	0	267	2	6.0	22.0	0.4	2.0	10.0	5.0	0.0

FIELD CHEMICAL ANALYSIS

MO	DA	YR	DAY NO	WELL	N FREE	NAMON	COD	BOD	RES	%VOL	MPN
1	2	9	2	3	0.0	0.2	0.0	0.0	110.0	0.0	0.0
1	14	9	14	3	0.0	0.2	0.0	0.0	260.0	0.0	0.0
2	6	9	37	3	0.2	0.3	50.0	0.0	0.0	37.3	0.0
2	25	9	56	3	0.0	0.2	50.0	0.0	127.0	18.7	0.0
3	18	9	77	3	0.0	0.3	62.0	0.0	180.0	9.5	0.0
3	26	9	85	3	0.1	0.2	104.0	0.0	0.0	0.0	0.0
4	2	9	92	3	0.0	0.1	57.0	0.0	250.0	9.2	0.0
4	9	9	99	3	0.0	0.1	68.0	0.0	66.0	0.0	0.0
4	16	9	106	3	0.0	0.1	68.0	0.0	48.0	0.0	0.0
4	25	9	115	3	0.0	0.5	100.0	0.0	60.0	18.7	0.0
5	1	9	121	3	0.0	0.5	30.0	0.0	165.0	12.0	0.0
5	8	9	128	3	0.0	0.0	30.0	0.0	130.0	12.4	0.0
5	13	9	133	3	0.0	1.0	35.0	0.0	130.0	12.2	0.0
5	22	9	142	3	0.0	0.5	10.0	0.0	140.0	13.0	0.0
5	27	9	147	3	0.0	0.6	15.0	0.0	120.0	15.2	0.0
6	4	9	154	3	0.0	0.7	5.0	0.0	80.0	18.5	0.0
6	11	9	161	3	0.0	0.6	26.0	0.0	110.0	26.4	0.0
6	18	9	168	3	0.0	0.9	20.0	0.0	140.0	27.9	0.0
6	26	9	177	3	0.0	0.3	20.0	0.0	156.0	21.2	0.0
7	2	9	184	3	0.0	0.3	25.0	0.0	154.0	13.6	0.0
7	11	9	193	3	0.0	0.4	23.0	0.0	44.0	10.0	0.0
7	17	9	199	3	0.0	0.3	7.0	0.0	253.0	19.4	0.0
7	25	9	207	3	0.0	0.3	0.0	0.0	0.0	0.0	0.0
8	1	9	214	3	0.0	0.4	0.0	0.0	0.0	0.0	0.0
8	7	9	220	3	0.0	0.2	0.0	0.0	0.0	0.0	0.0
8	14	9	227	3	0.0	0.5	0.0	0.0	0.0	0.0	0.0
8	22	9	235	3	0.0	0.4	20.0	0.0	0.0	0.0	0.0
8	29	9	242	3	0.0	0.3	0.0	0.0	0.0	0.0	0.0
9	6	9	249	3	0.0	0.4	0.0	0.0	0.0	0.0	0.0
9	11	9	254	3	0.0	0.5	0.0	0.0	0.0	0.0	0.0
9	17	9	260	3	0.0	0.4	0.0	0.0	0.0	0.0	0.0
9	25	9	268	3	0.0	0.4	0.0	0.0	440.0	6.7	0.0

FIELD CHEMICAL ANALYSIS

M2	DA	Y2	DAY NO	WELL NO	FE MG/L	ZN MG/L	NI MG/L	CU MG/L	TDS MG/L	ALK MG/L	NO3 MG/L
1	2	0	2	4	0.0	0.04	0.0	0.0	50	20	5.7
1	14	0	14	4	0.0	0.04	0.0	0.0	49	16	6.2
2	6	0	37	4	0.0	0.03	0.0	0.0	61	16	0.0
2	25	0	56	4	0.0	0.02	0.0	0.0	59	10	4.1
3	18	0	77	4	0.0	0.0	0.0	0.0	60	16	3.9
3	26	0	85	4	0.0	0.00	0.0	0.0	62	24	4.5
4	2	0	92	4	0.0	0.02	0.0	0.0	58	16	4.7
4	9	0	99	4	0.0	0.70	0.0	0.0	62	27	5.8
4	16	0	106	4	0.0	0.11	0.0	0.0	62	27	6.0
4	25	0	115	4	0.0	0.03	0.0	0.0	55	23	5.2
5	1	0	121	4	0.0	0.01	0.0	0.0	58	27	6.0
5	8	0	128	4	0.0	0.04	0.0	0.0	60	21	0.0
5	13	0	133	4	0.0	0.0	0.0	0.0	50	24	0.0
5	22	0	142	4	0.0	0.03	0.0	0.0	58	27	0.0
5	27	0	147	4	0.10	0.0	0.0	0.0	0	26	0.0
6	4	0	157	4	0.0	0.02	0.0	0.0	0	21	5.5
6	11	0	164	4	0.0	0.0	0.0	0.0	0	26	5.2
6	18	0	171	4	0.0	0.01	0.04	0.0	49	25	5.5
6	24	0	177	4	0.0	0.02	0.0	0.0	55	23	5.4
7	3	0	186	4	0.0	0.04	0.0	0.06	47	28	5.6
7	11	0	194	4	0.0	0.03	0.0	0.0	46	7	5.3
7	17	0	200	4	0.0	0.04	0.0	0.0	46	7	5.4
7	25	0	208	4	0.0	0.05	0.0	0.0	46	21	6.6
8	1	0	214	4	0.0	0.03	0.0	0.0	50	4	5.9
8	7	0	220	4	0.0	0.0	0.0	0.0	65	6	5.7
8	14	0	227	4	0.10	0.05	0.0	0.0	50	9	5.7
8	23	0	236	4	0.0	0.04	0.0	0.0	0	4	5.4
8	30	0	243	4	0.05	0.07	0.0	0.02	48	4	5.6
9	4	0	248	4	0.0	0.05	0.0	0.0	0	8	5.7
9	11	0	255	4	0.0	0.03	0.0	0.0	60	7	5.7
9	17	0	261	4	0.0	0.01	0.0	0.0	51	9	5.9
9	26	0	270	4	0.0	0.01	0.0	0.0	60	8	5.8

FIELD CHEMICAL ANALYSIS

MO	DA	YR	DAY NO	WELL	PH	HARD	PO4	SO4	CL	NA	SS
1	2	9	2	4	5.7	28.0	0.0	0.0	0.0	5.0	14.0
1	14	9	14	4	6.8	35.0	0.0	2.0	10.0	5.0	0.0
2	6	9	37	4	6.8	35.0	0.1	2.0	10.0	6.0	86.0
2	25	9	56	4	6.8	33.0	0.3	3.0	10.0	6.0	41.0
3	18	9	77	4	6.1	33.0	0.3	3.0	10.0	6.0	47.0
3	26	9	85	4	6.1	35.0	0.2	1.0	9.0	6.0	27.0
4	2	9	92	4	6.9	31.0	0.1	2.0	9.0	6.0	148.0
4	9	9	99	4	6.9	35.0	0.4	3.0	8.0	6.0	168.0
4	16	9	106	4	6.8	37.0	0.2	3.0	7.0	6.0	67.0
4	25	9	115	4	6.2	37.0	0.2	0.0	3.0	6.0	48.0
5	1	9	121	4	6.3	36.0	0.2	0.0	6.0	4.0	21.0
5	8	9	128	4	6.3	33.0	0.4	0.0	7.0	8.0	28.0
5	13	9	133	4	6.1	25.0	0.2	0.0	7.0	6.0	40.0
5	22	9	142	4	6.2	38.0	0.2	0.0	9.0	6.0	21.0
5	27	9	147	4	6.3	37.0	0.2	0.0	11.0	5.0	24.0
6	6	9	157	4	6.2	39.0	0.1	0.0	11.0	6.0	27.0
6	11	9	162	4	6.2	36.0	0.1	0.0	9.0	6.0	22.0
6	18	9	169	4	6.0	31.0	0.1	0.0	12.0	6.0	29.0
6	26	9	177	4	5.8	34.0	0.2	1.0	9.0	6.0	32.0
7	3	9	184	4	6.0	31.0	0.1	2.0	11.0	6.0	35.0
7	11	9	192	4	5.0	29.0	0.1	3.0	11.0	6.0	10.0
7	17	9	198	4	4.9	34.0	0.0	2.0	10.0	6.0	15.0
7	25	9	206	4	5.2	43.0	0.4	3.0	11.0	5.0	0.0
8	1	9	213	4	5.0	4.0	0.4	4.0	10.0	6.0	0.0
8	7	9	219	4	5.0	6.0	0.3	2.0	10.0	6.0	0.0
8	14	9	226	4	4.9	9.0	0.1	2.0	10.0	6.0	0.0
8	23	9	235	4	5.0	9.0	0.3	2.0	10.0	0.0	0.0
8	28	9	240	4	5.0	29.0	0.4	2.0	10.0	0.0	0.0
9	6	9	249	4	5.2	27.0	0.4	0.0	11.0	0.0	0.0
9	11	9	254	4	5.0	30.0	0.2	2.0	10.0	0.0	0.0
9	17	9	260	4	5.1	29.0	0.2	2.0	10.0	0.0	0.0
9	26	9	269	4	5.0	24.0	0.2	1.0	10.0	0.0	0.0

FIELD CHEMICAL ANALYSIS

MO	DA	YR	DAY NO	WELL	N FREE	NAMCN	COD	BOD	RES	%VOL	MPN
1	2	9	2	4	0.0	0.2	0.0	0.0	0.0	0.0	0.0
1	14	9	14	4	0.0	0.0	0.0	0.0	111.0	0.0	0.0
2	6	9	37	4	0.1	0.2	32.0	0.0	95.0	9.3	0.0
2	25	9	56	4	0.0	0.2	25.0	0.0	115.0	22.8	0.0
3	18	9	77	4	0.0	0.2	40.0	0.0	110.0	0.0	0.0
3	26	9	85	4	0.0	0.1	100.0	0.0	98.0	21.6	0.0
4	2	9	92	4	0.0	0.2	68.0	0.0	175.0	9.2	0.0
4	9	9	99	4	0.0	0.0	69.0	0.0	65.0	0.0	0.0
4	16	9	106	4	0.0	0.0	78.0	0.0	46.0	0.0	0.0
4	25	9	115	4	0.0	0.6	82.0	0.0	65.0	18.9	0.0
5	1	9	121	4	0.1	1.0	25.0	0.0	123.0	16.2	0.0
5	8	9	128	4	0.0	1.2	40.0	0.0	135.0	14.8	0.0
5	13	9	133	4	0.0	0.2	140.0	0.0	170.0	21.5	0.0
5	22	9	142	4	0.0	0.2	20.0	0.0	132.0	29.2	0.0
5	27	9	147	4	0.0	0.7	13.0	0.0	100.0	20.3	0.0
6	6	9	157	4	0.0	0.7	0.0	0.0	110.0	26.4	0.0
6	11	9	162	4	0.0	0.0	25.0	0.0	70.0	10.9	0.0
6	18	9	169	4	0.0	0.9	30.0	0.0	130.0	32.5	0.0
6	26	9	177	4	0.0	0.2	32.0	0.0	150.0	12.2	0.0
7	3	9	184	4	0.0	0.7	28.0	0.0	146.0	14.3	0.0
7	11	9	192	4	0.0	0.0	28.0	0.0	148.0	25.6	0.0
7	17	9	198	4	0.1	0.2	3.0	0.0	145.0	20.6	0.0
7	25	9	206	4	0.0	0.4	10.0	0.0	0.0	0.0	0.0
8	1	9	213	4	0.0	0.4	10.0	0.0	0.0	0.0	0.0
8	7	9	219	4	0.0	0.3	0.0	0.0	0.0	0.0	0.0
8	14	9	226	4	0.0	0.5	0.0	0.0	0.0	0.0	0.0
8	23	9	235	4	0.0	0.5	10.0	0.0	0.0	0.0	0.0
8	28	9	240	4	0.0	0.3	14.0	0.0	0.0	0.0	0.0
9	6	9	249	4	0.0	0.4	5.0	0.0	0.0	0.0	0.0
9	11	9	254	4	0.0	0.4	0.0	0.0	0.0	0.0	0.0
9	17	9	260	4	0.0	0.5	5.0	0.0	0.0	0.0	0.0
9	26	9	269	4	0.0	0.5	8.0	0.0	500.0	11.3	0.0

FIELD CHEMICAL ANALYSIS

MO	DA	YR	DAY NO	WELL NO	FE MG/L	ZN MG/L	NI MG/L	CU MG/L	TDS MG/L	ALK MG/L	NO3 MG/L
2	6	0	37	5	0.0	0.0	0.0	0.0	47	14	4.3
2	25	0	56	5	0.12	0.02	0.0	0.0	27	16	0.4
3	26	0	85	5	0.25	0.02	0.0	0.0	19	24	0.4
4	25	0	115	5	0.0	0.0	0.0	0.0	45	20	3.5
5	22	0	142	5	0.0	0.02	0.0	0.0	43	23	4.2
6	18	0	169	5	0.0	0.01	0.0	0.0	43	23	4.1
7	17	0	198	5	0.0	0.04	0.08	0.0	37	6	3.8
8	14	0	224	5	0.0	0.02	0.0	0.0	41	0	4.7
9	11	0	254	5	0.0	0.02	0.0	0.0	49	9	5.3

FIELD CHEMICAL ANALYSIS

MO	DA	YR	DAY NO	WELL	PH	HARD	PO4	SO4	CL	NA	SS
2	6	9	37	5	6.1	30.0	0.3	11.0	8.0	5.0	95.0
2	25	9	56	5	6.0	15.0	0.4	11.0	5.0	1.0	32.0
3	26	9	85	5	6.9	24.0	0.3	11.0	4.0	1.0	30.0
4	25	9	115	5	6.5	28.0	0.3	10.0	4.0	4.0	23.0
5	22	9	143	5	6.2	0.0	0.3	8.0	1.0	5.0	32.0
6	18	9	169	5	6.1	37.0	0.1	9.0	8.0	5.0	14.0
7	17	9	198	5	5.0	33.0	0.0	6.0	10.0	4.0	19.0
9	11	9	254	5	5.0	27.0	0.3	2.0	10.0	0.0	0.0

FIELD CHEMICAL ANALYSIS

MO	DA	YR	DAY NO	WELL	N FREE	NAMON	COD	BOD	RES	%VOL	MPN
2	6	9	37	5	0.0	0.9	22.0	0.0	95.0	12.4	0.0
2	25	9	56	5	0.3	0.3	29.0	0.0	60.0	14.5	0.0
3	26	9	85	5	0.0	0.3	68.0	0.0	75.0	16.5	0.0
4	25	9	115	5	0.0	0.5	68.0	0.0	75.0	0.0	0.0
5	22	9	143	5	0.0	0.2	5.0	0.0	140.0	21.4	0.0
6	18	9	169	5	0.0	0.4	27.0	0.0	120.0	47.3	0.0
7	17	9	198	5	0.0	0.3	3.0	0.0	126.0	46.3	0.0
9	11	9	254	5	0.0	0.2	0.0	0.0	0.0	0.0	0.0

FIELD CHEMICAL ANALYSIS

MO	DA	YR	DAY NO	WELL NO	FE MG/L	ZN MG/L	NI MG/L	CU MG/L	TDS MG/L	ALK MG/L	NO3 MG/L
3	6	0	37	6	0.0	0.0	0.0	0.0	58	14	5.3
3	25	0	56	6	0.0	0.02	0.0	0.0	57	10	1.7
3	26	0	85	6	0.0	0.06	0.0	0.0	58	13	4.1
4	25	0	115	6	0.0	0.02	0.0	0.0	55	20	3.6
5	22	0	142	6	0.0	0.04	0.0	0.0	55	25	0.0
6	18	0	169	6	0.0	0.01	0.0	0.0	48	2	5.1
7	17	0	198	6	0.0	0.04	0.0	0.0	43	8	4.3
8	14	0	226	6	0.0	0.0	0.0	0.0	0	4	0.0
9	11	0	254	6	0.0	0.01	0.0	0.03	45	32	4.4

FIELD CHEMICAL ANALYSIS

MO	DA	YR	DAY NO	WELL	PH	HARD	PO4	SO4	CL	NA	SS
2	6	9	37	6	7.1	30.0	0.2	3.0	6.0	6.0	83.0
2	25	9	56	6	6.8	25.0	0.2	2.0	9.0	6.0	185.0
3	26	9	85	6	5.7	35.0	0.3	5.0	8.0	6.0	45.0
4	25	9	115	6	5.7	31.0	0.2	5.0	6.0	6.0	33.0
5	22	9	142	6	5.8	44.0	0.3	4.0	1.0	8.0	17.0
6	18	9	169	6	5.4	34.0	0.1	1.0	13.0	6.0	29.0
7	17	9	198	6	4.9	28.0	0.0	3.0	10.0	6.0	15.0
8	14	9	226	6	5.0	0.0	0.0	2.0	10.0	0.0	0.0
9	11	9	282	6	0.0	24.0	0.2	4.0	10.0	0.0	0.0

FIELD CHEMICAL ANALYSIS

MO	DA	YR	DAY NO	WELL	N FREE	NAMCN	COD	BOD	RES	%VOL	MPN
2	6	9	37	6	0.0	0.5	97.0	0.0	115.0	24.1	0.0
2	25	9	56	6	0.0	0.1	128.0	0.0	150.0	37.1	0.0
3	26	9	85	6	0.0	0.1	72.0	0.0	78.0	22.5	0.0
4	25	9	115	6	0.0	0.2	71.0	0.0	70.0	0.0	0.0
5	22	9	142	6	0.0	0.7	20.0	0.0	140.0	16.6	0.0
6	18	9	169	6	0.0	0.1	27.0	0.0	280.0	44.1	0.0
7	17	9	198	6	0.0	0.5	0.0	0.0	130.0	11.6	0.0
8	14	9	226	6	0.0	0.2	0.0	0.0	0.0	0.0	0.0
9	11	9	282	6	0.0	0.2	5.0	0.0	0.0	0.0	0.0

FIELD CHEMICAL ANALYSIS

MO	DA	YR	DAY NO	WELL NO	FE MG/L	ZN MG/L	NI MG/L	CU MG/L	TDS MG/L	ALK MG/L	NO3 MG/L
3	25	0	54	7	0.0	0.01	0.0	0.0	48	16	5.3
3	26	0	85	7	0.0	0.05	0.0	0.0	50	17	3.7
4	25	0	115	7	0.0	0.0	0.0	0.0	0	23	0.0
5	22	0	142	7	0.0	0.03	0.0	0.0	45	27	5.0

FIELD CHEMICAL ANALYSIS

MO	DA	YR	DAY NO	WELL	PH	HARD	PO4	SO4	CL	NA	SS
2	25	9	56	7	6.1	27.0	0.3	1.0	6.0	5.0	43.0
3	26	9	85	7	6.2	33.0	0.3	2.0	6.0	5.0	33.0
4	25	9	115	7	6.2	0.0	0.0	0.0	0.0	6.0	42.0
5	22	9	142	7	5.8	48.0	0.3	2.0	5.0	5.0	24.0

FIELD CHEMICAL ANALYSIS

MO	DA	YR	DAY NO	WELL	N FREE	NAMCN	COD	BOD	RES	%VOL	MPN
2	25	9	56	7	0.0	0.1	64.0	0.0	98.0	6.1	0.0
3	26	9	85	7	0.0	0.1	71.0	0.0	78.0	3.7	0.0
4	25	9	115	7	0.0	0.5	75.0	0.0	85.0	0.0	0.0
5	22	9	142	7	0.0	0.1	0.0	0.0	120.0	19.4	0.0

FIELD CHEMICAL ANALYSIS

MO	DA	YR	DAY NO	WELL NO	FE MG/L	ZN MG/L	NI MG/L	CU MG/L	TDS MG/L	ALK MG/L	NO3 MG/L
1	2	0	2	8	0.0	0.0	0.0	0.0	66	16	5.1
1	14	0	14	8	0.0	0.0	0.0	0.0	66	12	5.7
2	4	0	37	8	0.0	0.0	0.0	0.0	70	10	5.5
2	25	0	56	8	0.0	0.0	0.0	0.0	68	9	4.2
3	18	0	77	8	0.0	0.0	0.0	0.0	70	10	3.9
3	26	0	85	8	0.0	0.0	0.0	0.0	69	20	4.6
4	2	0	93	8	0.0	0.0	0.0	0.0	68	12	5.1
4	8	0	99	8	0.0	0.0	0.0	0.04	69	23	5.3
4	16	0	106	8	0.0	0.03	0.0	0.0	70	23	5.1
4	25	0	115	8	0.0	0.0	0.0	0.0	62	20	5.3
5	1	0	121	8	0.0	0.0	0.0	0.0	65	24	5.5
5	8	0	128	8	0.0	0.0	0.0	0.0	65	24	0.0
5	13	0	133	8	0.0	0.0	0.0	0.0	65	23	0.0
5	22	0	142	8	0.0	0.0	0.0	0.0	66	23	0.0
5	27	0	147	8	0.0	0.0	0.0	0.0	0	24	4.9
6	6	0	157	8	0.0	0.0	0.0	0.0	0	26	5.1
6	11	0	162	8	0.0	0.01	0.0	0.03	0	25	4.9
6	18	0	169	8	0.0	0.0	0.0	0.0	60	23	5.2
6	24	0	177	8	0.0	0.01	0.0	0.0	62	24	5.3
7	3	0	186	8	0.0	0.02	0.0	0.0	59	25	5.4
7	11	0	193	8	0.0	0.02	0.0	0.0	52	0	4.9
7	17	0	199	8	0.0	0.02	0.0	0.0	59	2	4.9
7	25	0	207	8	0.0	0.03	0.0	0.0	61	9	5.6
8	1	0	214	8	0.0	0.02	0.0	0.0	60	16	5.6
8	7	0	220	8	0.0	0.01	0.0	0.0	80	9	5.6
8	14	0	227	8	0.0	0.01	0.0	0.0	65	6	4.7
8	23	0	236	8	0.0	0.02	0.0	0.0	0	9	5.3
8	29	0	242	8	0.0	0.02	0.0	0.0	62	0	5.0
9	4	0	248	8	0.0	0.0	0.0	0.0	0	13	5.1
9	11	0	255	8	0.0	0.01	0.0	0.0	70	12	5.3
9	17	0	261	8	0.0	0.0	0.0	0.0	61	14	5.4
9	24	0	268	8	0.0	0.0	0.0	0.05	69	9	5.3

FIELD CHEMICAL ANALYSIS

MO	DA	YR	DAY NO	WELL	PH	HARD	PO4	SO4	CL	NA	SS
1	2	9	2	8	5.3	34.0	0.0	0.0	0.0	5.0	9.0
1	14	9	14	8	5.8	36.0	0.1	2.0	16.0	5.0	0.0
2	6	9	37	8	6.9	40.0	0.0	2.0	15.0	5.0	179.0
2	25	9	56	8	6.1	34.0	0.3	3.0	15.0	6.0	39.0
3	18	9	77	8	5.1	33.0	0.3	3.0	14.0	5.0	125.0
3	26	9	85	8	6.4	45.0	0.1	3.0	12.0	6.0	32.0
4	2	9	92	8	6.0	40.0	0.1	3.0	14.0	6.0	75.0
4	9	9	99	8	6.1	45.0	0.2	3.0	14.0	6.0	174.0
4	16	9	106	8	5.1	42.0	0.2	3.0	14.0	6.0	83.0
4	25	9	115	8	6.1	38.0	0.1	2.0	11.0	5.0	53.0
5	1	9	121	8	6.1	48.0	0.2	2.0	11.0	5.0	25.0
5	8	9	128	8	5.1	40.0	0.1	2.0	12.0	6.0	19.0
5	13	9	133	8	5.1	41.0	0.1	2.0	11.0	5.0	37.0
5	22	9	142	8	6.1	40.0	0.2	2.0	12.0	5.0	35.0
5	27	9	147	8	5.1	42.0	0.2	2.0	15.0	6.0	48.0
6	6	9	157	8	5.1	39.0	0.1	2.0	0.0	6.0	38.0
6	11	9	162	8	5.1	42.0	0.2	2.0	15.0	5.0	34.0
6	18	9	169	8	5.1	41.0	0.1	2.0	19.0	6.0	42.0
6	26	9	177	8	6.0	43.0	0.2	2.0	20.0	6.0	21.0
7	3	9	184	8	5.7	44.0	0.3	3.0	15.0	6.0	40.0
7	11	9	192	8	4.9	40.0	0.2	4.0	15.0	6.0	22.0
7	17	9	198	8	4.9	43.0	0.0	2.0	11.0	5.0	16.0
7	25	9	206	8	4.9	41.0	0.2	4.0	1.0	5005.0	0.0
8	1	9	213	8	4.9	43.0	0.2	5.0	13.0	5.0	0.0
8	7	9	219	8	4.9	46.0	0.3	0.0	13.0	6.0	0.0
8	14	9	226	8	5.0	42.0	0.1	2.0	11.0	6.0	0.0
8	23	9	235	8	4.9	46.0	0.3	2.0	10.0	0.0	0.0
8	28	9	240	8	0.0	40.0	0.2	2.0	10.0	0.0	0.0
9	6	9	249	8	4.9	52.0	0.2	0.0	10.0	0.0	0.0
9	11	9	254	8	5.0	46.0	0.4	1.0	10.0	0.0	0.0
9	17	9	260	8	5.0	47.0	0.4	2.0	10.0	0.0	0.0
9	26	9	269	8	5.1	39.0	0.3	1.0	10.0	0.0	0.0

FIELD CHEMICAL ANALYSIS

MO	DA	YR	DAY NO	WELL	N FREE	NAMCN	COD	BOD	RES	%VOL	MPN
1	2	9	2	8	0.0	0.2	60.0	0.0	0.0	0.0	0.0
1	14	9	14	8	0.0	0.3	80.0	0.0	60.0	0.0	0.0
2	6	9	37	8	0.0	0.4	86.0	0.0	63.0	39.5	0.0
2	25	9	56	8	0.0	0.1	207.0	0.0	100.0	9.1	0.0
3	18	9	77	8	0.0	0.2	186.0	0.0	85.0	8.2	0.0
3	26	9	85	8	0.0	0.3	82.0	0.0	98.0	5.2	0.0
4	2	9	92	8	0.0	0.2	142.0	0.0	150.0	3.3	0.0
4	9	9	99	8	0.0	0.2	140.0	0.0	64.0	17.7	0.0
4	16	9	106	8	0.0	0.1	135.0	0.0	64.0	19.8	0.0
4	25	9	115	8	0.0	1.2	132.0	0.0	85.0	0.0	0.0
5	1	9	121	8	0.0	0.8	35.0	0.0	107.0	28.7	0.0
5	8	9	128	8	0.0	1.4	27.0	0.0	130.0	12.4	0.0
5	13	9	133	8	0.0	0.8	55.0	0.0	108.0	17.3	0.0
5	22	9	142	8	0.0	0.4	10.0	0.0	210.0	32.8	0.0
5	27	9	147	8	0.0	0.5	7.0	0.0	160.0	20.3	0.0
6	6	9	157	8	0.0	0.5	15.0	0.0	100.0	9.4	0.0
6	11	9	162	8	0.0	0.3	25.0	0.0	140.0	51.1	0.0
6	18	9	169	8	0.0	0.3	20.0	0.0	120.0	35.1	0.0
6	26	9	177	8	0.0	0.4	22.0	0.0	143.0	12.3	0.0
7	3	9	184	8	0.0	0.5	20.0	0.0	113.0	13.5	0.0
7	11	9	192	8	0.0	0.2	20.0	0.0	160.0	15.4	0.0
7	17	9	198	8	0.0	0.2	23.0	0.0	76.0	9.1	0.0
7	25	9	206	8	0.0	0.5	10.0	0.0	0.0	0.0	0.0
8	1	9	213	8	0.0	0.5	10.0	0.0	0.0	0.0	0.0
8	7	9	219	8	0.0	0.6	0.0	0.0	0.0	0.0	0.0
8	14	9	226	8	0.0	0.4	9.0	0.0	0.0	0.0	0.0
8	23	9	235	8	0.0	0.3	0.0	0.0	0.0	0.0	0.0
8	29	9	240	8	0.0	0.3	0.0	0.0	0.0	0.0	0.0
9	6	9	249	8	0.0	0.5	0.0	0.0	0.0	0.0	0.0
9	11	9	254	8	0.0	0.6	0.0	0.0	0.0	0.0	0.0
9	17	9	260	8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	26	9	269	8	0.0	0.3	0.0	0.0	460.0	9.7	0.0

FIELD CHEMICAL ANALYSIS

MO	DA	YR	DAY NO	WELL NO	FE MG/L	ZN MG/L	NI MG/L	CU MG/L	TDS MG/L	ALK MG/L	NO3 MG/L
2	6	0	37	0	0.0	0.0	0.0	0.0	58	14	4.9
2	25	0	56	0	0.0	0.02	0.0	0.0	59	10	4.3
3	26	0	85	0	0.0	0.07	0.0	0.0	60	20	4.5
4	25	0	115	0	0.0	0.0	0.0	0.0	50	0	0.0
5	22	0	142	0	0.0	0.02	0.0	0.02	56	18	0.0
6	18	0	169	0	0.0	0.01	0.0	0.0	60	0	5.7
7	17	0	198	0	0.0	0.02	0.0	0.0	0	0	6.1
8	14	0	226	0	0.0	0.02	0.0	0.0	48	7	5.3
9	11	0	254	0	0.0	0.01	0.0	0.0	60	18	5.9

FIELD CHEMICAL ANALYSIS

MO	DA	YR	DAY NO	WELL	PH	HARD	PO4	SO4	CL	NA	SS
2	6	9	37	9	6.9	30.0	0.4	1.0	10.0	5.0	46.0
2	25	9	56	9	6.2	31.0	0.4	1.0	10.0	5.0	40.0
3	26	9	85	9	6.1	38.0	0.3	1.0	9.0	5.0	50.0
4	25	9	115	9	0.0	0.0	0.3	2.0	9.0	5.0	38.0
5	22	9	142	9	6.2	40.0	0.4	2.0	10.0	5.0	14.0
6	18	9	169	9	6.2	35.0	0.1	3.0	15.0	5.0	21.0
7	17	9	196	9	4.8	33.0	0.0	2.0	11.0	6.0	14.0
8	14	9	226	9	4.9	37.0	0.4	3.0	12.0	5.0	0.0
9	11	9	254	9	5.7	10.0	0.1	2.0	10.0	0.0	0.0

FIELD CHEMICAL ANALYSIS

MO	DA	YR	DAY NO	WELL	N FREE	NAMCN	COD	BOD	RES	%VOL	MPN
2	6	9	37	9	0.0	0.2	34.0	0.0	77.0	8.4	0.0
2	25	9	56	9	0.0	0.1	43.0	0.0	66.0	16.4	0.0
3	26	9	85	9	0.0	0.2	42.0	0.0	105.0	14.7	0.0
4	25	9	115	9	0.0	0.6	43.0	0.0	123.0	0.0	0.0
5	22	9	142	9	0.0	0.6	0.0	0.0	110.0	17.4	0.0
6	18	9	169	9	0.0	0.1	20.0	0.0	170.0	32.2	0.0
7	17	9	196	9	0.0	0.0	10.0	0.0	93.0	13.2	0.0
8	14	9	226	9	0.0	0.2	20.0	0.0	0.0	0.0	0.0
9	11	9	254	9	0.0	0.6	0.0	0.0	0.0	0.0	0.0

FIELD CHEMICAL ANALYSIS

MO	DA	YR	DAY NO	WELL NO	FE MG/L	ZN MG/L	NI MG/L	CU MG/L	TDS MG/L	ALK MG/L	NO3 MG/L
1	2	0	2	10	0.0	0.0	0.0	0.0	62	23	5.7
1	14	0	14	10	0.0	0.0	0.0	0.0	63	18	6.0
2	6	0	37	10	0.0	0.0	0.0	0.0	63	14	5.5
2	25	0	56	10	0.0	0.03	0.0	0.0	66	13	4.2
3	10	0	77	10	0.0	0.11	0.0	0.0	65	0	4.9
3	24	0	85	10	0.0	0.0	0.0	0.0	68	20	5.0
4	2	0	93	10	0.0	0.0	0.0	0.0	65	16	5.2
4	9	0	90	10	0.0	0.0	0.0	0.0	65	30	5.7
4	14	0	104	10	0.0	0.04	0.0	0.0	64	33	6.2
4	25	0	115	10	0.0	0.0	0.0	0.0	60	13	6.4
5	1	0	121	10	0.0	0.0	0.0	0.0	61	19	6.0
5	8	0	128	10	0.0	0.0	0.0	0.0	60	18	0.0
5	13	0	133	10	0.0	0.0	0.0	0.0	51	17	0.0
5	22	0	142	10	0.10	0.10	0.0	0.0	60	19	0.0
5	27	0	147	10	0.0	0.0	0.0	0.0	0	21	6.0
6	6	0	157	10	0.0	0.0	0.0	0.0	0	21	5.4
6	11	0	162	10	0.0	0.04	0.0	0.06	0	23	5.4
6	19	0	170	10	0.0	0.0	0.0	0.0	60	24	5.5
6	26	0	177	10	0.0	0.0	0.0	0.0	60	23	6.1
7	3	0	184	10	0.0	0.01	0.0	0.0	59	27	5.6
7	11	0	192	10	0.0	0.01	0.0	0.0	55	0	5.3
7	17	0	198	10	0.0	0.02	0.0	0.0	52	7	5.4
7	25	0	206	10	0.0	0.02	0.0	0.0	59	10	5.7
8	1	0	213	10	0.0	0.0	0.0	0.0	52	21	5.7
8	7	0	219	10	0.0	0.01	0.0	0.0	70	17	5.6
8	16	0	228	10	0.0	0.0	0.0	0.0	55	6	5.6
8	22	0	235	10	0.0	0.01	0.0	0.0	0	13	5.4
8	28	0	240	10	0.0	0.01	0.0	0.0	51	0	5.4
9	4	0	247	10	0.0	0.01	0.0	0.0	0	23	5.7
9	11	0	254	10	0.0	0.01	0.0	0.0	65	15	5.7
9	17	0	260	10	0.0	0.01	0.0	0.0	58	19	5.9
9	24	0	267	10	0.0	0.01	0.0	0.0	62	21	5.9

FIELD CHEMICAL ANALYSIS

MO	DA	YR	DAY NO	WELL	PH	HARD	PO4	SO4	CL	NA	SS
1	2	9	2	10	5.4	42.0	0.0	0.0	0.0	5.0	11.0
1	14	9	14	10	6.0	42.0	0.0	1.0	10.0	6.0	57.0
2	5	9	37	10	6.5	40.0	0.4	1.0	11.0	6.0	36.0
2	25	9	56	10	6.4	45.0	0.0	1.0	8.0	7.0	42.0
3	18	9	77	10	6.0	42.0	0.3	1.0	8.0	6.0	27.0
3	26	9	85	10	6.6	45.0	0.4	1.0	8.0	6.0	47.0
4	2	9	92	10	6.7	50.0	0.4	2.0	10.0	6.0	35.0
4	9	9	99	10	6.7	42.0	0.4	1.0	7.0	6.0	107.0
4	16	9	106	10	6.7	41.0	0.3	1.0	7.0	7.0	92.0
4	25	9	115	10	6.9	31.0	0.3	2.0	8.0	6.0	47.0
5	1	9	121	10	6.3	38.0	0.3	1.0	7.0	6.0	28.0
5	8	9	128	10	6.5	38.0	0.4	2.0	7.0	6.0	25.0
5	13	9	133	10	6.3	38.0	0.3	2.0	8.0	6.0	18.0
5	22	9	142	10	6.2	38.0	0.3	2.0	7.0	7.0	24.0
5	27	9	147	10	6.2	37.0	0.3	2.0	0.0	6.0	0.0
6	6	9	157	10	6.3	38.0	0.2	2.0	0.0	6.0	35.0
6	11	9	162	10	6.2	36.0	0.1	2.0	11.0	6.0	49.0
6	18	9	169	10	6.3	36.0	0.1	2.0	15.0	7.0	25.0
6	26	9	177	10	6.2	35.0	0.3	2.0	15.0	6.0	21.0
7	3	9	184	10	6.2	35.0	0.2	3.0	10.0	5.0	24.0
7	11	9	192	10	0.0	0.0	0.1	3.0	10.0	7.0	59.0
7	17	9	198	10	5.0	39.0	0.0	3.0	10.0	6.0	25.0
7	25	9	206	10	5.2	32.0	0.3	4.0	10.0	6.0	0.0
8	1	9	213	10	5.2	31.0	0.3	0.0	10.0	6.0	0.0
8	7	9	219	10	5.2	32.0	0.3	0.0	10.0	6.0	0.0
8	14	9	226	10	5.1	30.0	0.4	2.0	10.0	6.0	0.0
8	23	9	235	10	5.2	31.0	0.4	2.0	10.0	0.0	0.0
8	29	9	240	10	0.0	29.0	0.4	2.0	10.0	0.0	0.0
9	6	9	249	10	0.0	31.0	0.4	0.0	10.0	0.0	0.0
9	11	9	254	10	0.0	33.0	0.5	2.0	11.0	0.0	0.0
9	17	9	260	10	0.0	25.0	0.5	1.0	10.0	0.0	0.0
9	26	9	269	10	0.0	31.0	0.5	1.0	10.0	0.0	0.0

FIELD CHEMICAL ANALYSIS

MO	DA	YR	DAY NO	WELL	N FREE	NAMON	COD	BOD	RES	%VOL	MPN
1	2	9	2	10	0.0	0.0	32.0	0.0	0.0	0.0	0.0
1	14	9	14	10	0.0	0.0	84.0	0.0	97.0	8.9	0.0
2	6	9	37	10	0.0	0.8	162.0	0.0	0.0	11.1	0.0
2	25	9	56	10	0.0	0.0	207.0	0.0	110.0	8.0	0.0
3	18	9	77	10	0.0	0.2	186.0	0.0	92.0	11.6	0.0
3	26	9	85	10	0.0	0.8	103.0	0.0	76.0	6.1	0.0
4	2	9	92	10	0.0	0.1	164.0	0.0	50.0	13.0	0.0
4	9	9	99	10	0.0	0.1	142.0	0.0	63.0	0.0	0.0
4	16	9	106	10	0.0	0.1	78.0	0.0	52.0	0.0	0.0
4	25	9	115	10	0.0	0.7	71.0	0.0	60.0	10.5	0.0
5	1	9	121	10	0.0	1.1	28.0	0.0	68.0	15.5	0.0
5	8	9	128	10	0.0	0.5	23.0	0.0	155.0	12.9	0.0
5	13	9	133	10	0.0	0.5	130.0	0.0	170.0	23.2	0.0
5	22	9	142	10	0.0	0.6	0.0	0.0	130.0	19.1	0.0
5	27	9	147	10	0.0	1.0	13.0	0.0	110.0	20.8	0.0
6	5	9	157	10	0.0	0.6	15.0	0.0	60.0	4.9	0.0
6	11	9	162	10	0.0	0.4	29.0	0.0	150.0	25.5	0.0
6	18	9	169	10	0.0	0.1	29.0	0.0	140.0	16.6	0.0
6	26	9	177	10	0.1	0.2	30.0	0.0	86.0	13.4	0.0
7	3	9	184	10	0.1	0.5	18.0	0.0	160.0	18.3	0.0
7	11	9	192	10	0.0	0.2	20.0	0.0	0.0	0.0	0.0
7	17	9	198	10	0.4	0.4	5.0	0.0	90.0	13.3	0.0
7	25	9	206	10	0.0	0.3	10.0	0.0	0.0	0.0	0.0
8	1	9	213	10	0.0	0.3	10.0	0.0	0.0	0.0	0.0
8	7	9	219	10	0.0	0.3	0.0	0.0	0.0	0.0	0.0
8	14	9	226	10	0.0	0.6	13.0	0.0	0.0	0.0	0.0
8	23	9	235	10	0.0	0.5	0.0	0.0	0.0	0.0	0.0
8	28	9	240	10	0.0	0.6	5.0	0.0	0.0	0.0	0.0
9	6	9	249	10	0.0	0.5	0.0	0.0	0.0	0.0	0.0
9	11	9	254	10	0.0	0.4	0.0	0.0	0.0	0.0	0.0
9	17	9	260	10	0.0	0.1	0.0	0.0	0.0	0.0	0.0
9	26	9	269	10	0.0	0.8	0.0	0.0	480.0	4.1	0.0

FIELD CHEMICAL ANALYSIS

MO	DA	YR	DAY NO	WELL NO	FE MG/L	ZN MG/L	NI MG/L	CU MG/L	TDS MG/L	ALK MG/L	NO3 MG/L
2	6	0	37	11	0.0	0.0	0.0	0.0	72	16	5.9
3	26	0	85	11	0.0	0.0	0.0	0.0	78	12	4.8
4	25	0	115	11	0.0	0.0	0.0	0.0	68	23	5.9
5	22	0	142	11	0.0	0.33	0.0	0.0	70	23	0.0

FIELD CHEMICAL ANALYSIS

MO	DA	YR	DAY NO	WELL	PH	HARD	PO4	SO4	CL	NA	SS
2	6	9	37	11	7.2	50.0	0.4	1.0	11.0	6.0	75.0
3	26	9	85	11	6.7	42.0	0.3	2.0	11.0	6.0	77.0
4	25	9	115	11	6.7	40.0	0.3	1.0	11.0	6.0	43.0
5	22	9	142	11	6.1	40.0	0.3	2.0	11.0	8.0	54.0
9	11	9	254	11	0.0	0.0	0.0	2.0	10.0	0.0	0.0

FIELD CHEMICAL ANALYSIS

MO	DA	YR	DAY NO	WELL	N FREE	NAMCN	COD	BOD	RES	%VOL	MPN
2	6	9	37	11	0.0	0.3	48.0	0.0	1055.0	17.1	0.0
3	26	9	85	11	0.0	0.2	82.0	0.0	125.0	4.3	0.0
4	25	9	115	11	0.0	1.6	36.0	0.0	110.0	9.7	0.0
5	22	9	142	11	0.0	0.6	5.0	0.0	150.0	21.1	0.0
9	11	9	254	11	0.0	0.5	0.0	0.0	0.0	0.0	0.0

FIELD CHEMICAL ANALYSIS

MO	DA	YR	DAY NO	WELL NO	FE MG/L	ZN MG/L	NI MG/L	CU MG/L	TDS MG/L	ALK MG/L	NO3 MG/L
1	2	0	2	12	0.0	0.13	0.0	0.0	43	23	1.4
1	14	0	14	12	0.0	0.17	0.0	0.0	43	22	1.4
2	4	0	37	12	0.14	0.01	0.0	0.0	56	24	2.0
2	25	0	56	12	0.0	0.05	0.0	0.0	62	26	1.3
3	19	0	77	12	0.0	0.07	0.0	0.0	68	21	1.9
3	26	0	85	12	0.50	0.06	0.0	0.0	63	24	2.1
4	2	0	92	12	0.0	0.11	0.0	0.0	59	32	2.4
4	9	0	99	12	0.0	0.06	0.0	0.0	62	20	3.0
4	14	0	104	12	0.0	0.05	0.0	0.0	65	23	2.2
4	25	0	115	12	0.0	0.02	0.0	0.0	55	23	2.8
5	1	0	121	12	0.0	0.05	0.0	0.0	54	23	3.0
5	8	0	128	12	0.0	0.06	0.12	0.0	55	21	0.0
5	13	0	133	12	0.0	0.08	0.13	0.0	49	27	0.0
5	22	0	142	12	0.07	0.02	0.20	0.10	50	25	0.0
5	27	0	147	12	0.0	0.02	0.13	0.0	0	21	3.1
6	6	0	157	12	0.0	0.01	0.20	0.0	0	23	2.9
6	11	0	162	12	0.08	0.04	0.17	0.0	0	20	3.5
6	19	0	170	12	0.0	0.01	0.08	0.0	50	22	3.1
6	26	0	177	12	0.0	0.05	0.50	0.0	50	23	3.4
7	3	0	184	12	0.0	0.12	0.60	0.0	55	21	2.6
7	11	0	192	12	0.0	0.15	0.30	0.0	48	6	2.3
7	17	0	198	12	0.0	0.04	0.30	0.0	45	32	2.3
7	25	0	206	12	0.0	0.06	0.20	0.0	52	24	3.0
8	1	0	213	12	0.0	0.0	0.06	0.0	73	36	0.4
8	7	0	219	12	0.0	0.01	0.12	0.0	60	23	2.4
8	14	0	226	12	0.05	0.02	0.18	0.0	49	23	3.5
8	23	0	235	12	0.0	0.04	0.50	0.0	0	26	2.5
8	29	0	241	12	0.0	0.05	0.22	0.0	49	0	2.7
9	6	0	249	12	0.0	0.02	0.06	0.0	0	31	1.1
9	11	0	254	12	0.0	0.02	0.0	0.0	60	38	3.0
9	17	0	260	12	0.0	0.0	0.26	0.0	55	29	3.1
9	24	0	267	12	0.0	0.01	0.34	0.0	52	31	2.9

FIELD CHEMICAL ANALYSIS

MO	DA	YR	DAY NO	WELL	PH	HARD	PO4	SO4	CL	NA	SS
1	2	9	2	12	5.3	29.0	0.4	1.0	11.0	4.0	21.0
1	14	9	14	12	6.2	25.0	0.1	1.0	9.0	4.0	43.0
2	4	9	37	12	6.2	24.0	0.6	1.0	10.0	5.0	36.0
2	25	9	56	12	6.2	44.0	0.4	2.0	9.0	4.0	67.0
3	18	9	77	12	5.4	44.0	0.3	2.0	9.0	6.0	30.0
3	26	9	85	12	6.5	46.0	0.4	1.0	8.0	4.0	26.0
4	2	9	92	12	5.7	50.0	0.5	1.0	9.0	4.0	96.0
4	9	9	99	12	5.9	48.0	0.4	2.0	9.0	4.0	136.0
4	16	9	106	12	5.0	49.0	0.4	1.0	7.0	4.0	106.0
4	25	9	115	12	5.2	42.0	0.4	2.0	5.0	4.0	49.0
5	1	9	121	12	6.2	38.0	0.4	1.0	3.0	4.0	50.0
5	9	9	129	12	6.2	36.0	0.4	1.0	7.0	3.0	196.0
5	13	9	133	12	6.2	38.0	0.4	1.0	7.0	4.0	43.0
5	22	9	142	12	6.2	38.0	0.4	2.0	1.0	6.0	172.0
5	27	9	147	12	6.4	35.0	0.2	2.0	1.0	4.0	70.0
6	6	9	157	12	6.5	34.0	0.1	2.0	0.0	7.0	24.0
6	11	9	162	12	6.4	39.0	0.1	1.0	1.0	4.0	29.0
6	18	9	169	12	6.4	37.0	0.1	1.0	12.0	5.0	20.0
6	26	9	177	12	6.3	37.0	0.1	3.0	0.0	5.0	170.0
7	3	9	184	12	6.2	35.0	0.1	2.0	10.0	5.0	43.0
7	11	9	192	12	4.9	38.0	0.1	2.0	10.0	5.0	0.0
7	17	9	198	12	6.1	34.0	0.0	2.0	10.0	4.0	37.0
7	25	9	206	12	6.2	39.0	0.4	2.0	10.0	4.0	0.0
8	1	9	213	12	6.3	41.0	0.6	0.0	10.0	0.0	0.0
8	7	9	219	12	6.3	38.0	0.5	2.0	10.0	0.0	0.0
8	14	9	226	12	6.2	42.0	0.4	0.0	10.0	0.0	0.0
8	23	9	235	12	6.2	44.0	0.3	2.0	10.0	0.0	0.0
8	28	9	240	12	7.0	41.0	0.4	1.0	11.0	0.0	0.0
9	6	9	249	12	6.3	31.0	0.4	0.0	11.0	0.0	0.0
9	11	9	254	12	6.3	32.0	0.4	2.0	11.0	0.0	0.0
9	17	9	260	12	6.3	25.0	0.4	1.0	11.0	0.0	0.0
9	26	9	269	12	7.3	21.0	0.4	1.0	11.0	0.0	0.0

FIELD CHEMICAL ANALYSIS

MO	DA	YR	DAY NO	WELL	N FREE	NAMON	COD	BOD	RES	%VOL	MPN
1	2	9	2	12	0.0	0.2	60.0	0.0	587.0	0.0	0.0
1	14	9	14	12	0.0	0.2	75.0	0.0	684.0	15.2	0.0
2	6	9	37	12	0.0	0.4	75.0	0.0	215.0	22.7	0.0
2	25	9	56	12	0.0	0.2	150.0	0.0	189.0	6.7	0.0
3	18	9	77	12	0.0	0.1	129.0	0.0	170.0	6.5	0.0
3	26	9	85	12	0.0	0.2	79.0	0.0	165.0	8.7	0.0
4	2	9	92	12	0.0	0.1	142.0	0.0	130.0	8.1	0.0
4	9	9	99	12	0.0	0.0	143.0	0.0	120.0	8.1	0.0
4	16	9	106	12	0.0	0.1	135.0	0.0	420.0	12.7	0.0
4	25	9	115	12	0.9	1.4	135.0	0.0	123.0	0.0	0.0
5	1	9	121	12	0.4	1.0	5.0	0.0	473.0	23.2	0.0
5	9	9	129	12	0.0	0.7	30.0	0.0	370.0	12.9	0.0
5	13	9	133	12	0.2	0.5	140.0	0.0	270.0	20.7	0.0
5	22	9	142	12	0.2	0.8	5.0	0.0	310.0	10.5	0.0
5	27	9	147	12	0.2	1.2	15.0	0.0	350.0	9.4	0.0
6	6	9	157	12	0.1	1.0	15.0	0.0	410.0	32.5	0.0
6	11	9	162	12	0.0	0.3	40.0	0.0	350.0	16.8	0.0
6	18	9	169	12	0.0	0.7	35.0	0.0	450.0	48.7	0.0
6	26	9	177	12	0.1	0.9	20.0	0.0	2313.0	12.4	0.0
7	3	9	184	12	0.0	0.8	28.0	0.0	90.0	7.7	0.0
7	11	9	192	12	0.0	0.3	28.0	0.0	176.0	8.6	0.0
7	17	9	198	12	0.0	0.4	23.0	0.0	153.0	15.3	0.0
7	25	9	206	12	0.0	0.6	10.0	0.0	0.0	0.0	0.0
8	1	9	213	12	0.0	0.7	10.0	0.0	0.0	0.0	0.0
8	7	9	219	12	0.1	0.6	0.0	0.0	0.0	0.0	0.0
8	14	9	226	12	0.1	0.7	10.0	0.0	0.0	0.0	0.0
8	23	9	235	12	0.0	0.7	0.0	0.0	0.0	0.0	0.0
8	29	9	240	12	0.0	0.7	14.0	0.0	0.0	0.0	0.0
9	6	9	249	12	0.1	0.5	18.0	0.0	0.0	0.0	0.0
9	11	9	254	12	0.1	0.8	0.0	0.0	0.0	0.0	0.0
9	17	9	260	12	0.0	0.1	0.0	0.0	0.0	0.0	0.0
9	26	9	269	12	0.1	0.4	0.0	0.0	480.0	13.2	0.0

FIELD CHEMICAL ANALYSIS

MO	DA	YR	DAY NO.	WELL NO	FE MG/L	ZN MG/L	NI MG/L	CU MG/L	TDS MG/L	ALK MG/L	NO3 MG/L
1	2	0	2	13	110.00	0.0	0.0	0.0	168	169	0.0
1	14	0	14	13	0.0	0.0	0.0	0.0	176	100	0.0
2	4	0	37	13	0.0	0.0	0.0	0.0	205	78	0.0
2	25	0	56	13	0.0	0.01	0.0	0.0	184	60	0.0
3	12	0	77	13	0.25	0.0	0.0	0.0	186	75	0.0
3	26	0	85	13	0.10	0.10	0.0	0.0	176	52	0.0
4	9	0	93	13	0.43	0.0	0.0	0.0	160	52	0.0
4	0	0	90	13	0.05	0.03	0.0	0.0	150	27	0.0
4	16	0	104	13	0.45	0.03	0.0	0.0	139	23	0.0
4	25	0	113	13	0.07	0.0	0.0	0.0	115	23	0.0
5	1	0	121	13	0.17	0.0	0.0	0.0	125	22	0.0
5	8	0	128	13	0.35	0.0	0.0	0.0	123	24	0.0
5	13	0	133	13	0.07	0.0	0.0	0.0	110	23	0.0
5	22	0	142	13	0.20	0.0	0.03	0.0	100	29	0.0
5	27	0	147	13	0.0	0.0	0.0	0.0	0	24	0.1
6	6	0	157	13	0.0	0.01	0.0	0.0	0	24	0.0
6	11	0	162	13	0.05	0.02	0.0	0.0	0	22	0.7
6	18	0	169	13	0.06	0.05	0.09	0.0	70	21	0.2
6	26	0	177	13	0.0	0.02	0.0	0.0	80	20	0.2
7	3	0	184	13	0.0	0.03	0.0	0.0	60	19	0.7
7	11	0	192	13	0.0	0.07	0.0	0.0	70	52	0.4
7	17	0	198	13	0.0	0.03	0.0	0.0	60	27	1.0
7	25	0	206	13	0.0	0.03	0.0	0.0	74	37	1.0
8	1	0	213	13	0.0	0.01	0.0	0.0	40	22	2.4
8	7	0	219	13	0.0	0.04	0.0	0.0	70	20	1.0
8	14	0	226	13	0.05	0.01	0.0	0.0	64	32	1.1
8	23	0	235	13	0.0	0.03	0.10	0.0	0	31	1.5
8	28	0	240	13	0.0	0.03	0.04	0.0	57	0	1.7
9	4	0	247	13	0.07	0.04	0.33	0.0	0	30	3.2
9	11	0	254	13	0.0	0.05	0.0	0.0	80	28	0.6
9	17	0	260	13	0.01	0.01	0.0	0.0	80	31	0.4
9	26	0	269	13	0.0	0.0	0.0	0.0	75	27	0.5

FIELD CHEMICAL ANALYSIS

MO	DA	YR	DAY NO	WELL	PH	HARD	PO4	SO4	CL	NA	SS
1	2	9	2	13	5.9	80.0	0.0	1.0	12.0	6.0	122.0
1	14	9	14	13	6.0	80.0	0.1	1.0	12.0	5.0	0.0
2	6	9	37	13	6.2	90.0	0.2	1.0	12.0	6.0	141.0
2	25	9	56	13	6.2	80.0	0.3	2.0	8.0	6.0	130.0
3	18	9	77	13	6.0	91.0	0.2	1.0	11.0	7.0	72.0
3	26	9	85	13	7.0	69.0	0.3	1.0	12.0	5.0	49.0
4	2	9	42	13	6.0	70.0	0.2	1.0	9.0	5.0	35.0
4	9	9	99	13	6.0	65.0	0.2	1.0	11.0	5.0	93.0
4	16	9	106	13	6.0	53.0	0.3	1.0	10.0	5.0	128.0
4	25	9	115	13	5.5	55.0	0.2	1.0	14.0	5.0	48.0
5	1	9	121	13	6.0	65.0	0.2	2.0	10.0	5.0	142.0
5	9	9	129	13	6.1	48.0	0.2	1.0	11.0	5.0	295.0
5	13	9	133	13	6.2	51.0	0.2	1.0	10.0	6.0	86.0
5	22	9	142	13	5.3	50.0	0.3	1.0	0.0	10.0	185.0
5	27	9	147	13	5.2	51.0	0.2	1.0	0.0	5.0	220.0
6	6	9	157	13	6.2	55.0	0.1	2.0	0.0	5.0	595.0
6	11	9	162	13	6.1	48.0	0.1	2.0	0.0	6.0	165.0
6	18	9	169	13	6.1	46.0	0.1	2.0	0.0	6.0	136.0
6	26	9	177	13	6.1	49.0	0.1	1.0	0.0	6.0	174.0
7	3	9	184	13	6.3	47.0	0.1	1.0	14.0	6.0	155.0
7	11	9	192	13	5.6	45.0	0.1	3.0	14.0	6.0	56.0
7	17	9	198	13	5.3	44.0	0.0	2.0	12.0	6.0	35.0
7	25	9	206	13	5.3	45.0	0.2	4.0	12.0	6.0	0.0
8	1	9	213	13	5.4	48.0	0.3	3.0	12.0	4.0	0.0
8	7	9	219	13	5.4	41.0	0.2	2.0	13.0	6.0	0.0
8	14	9	226	13	5.5	43.0	0.2	2.0	14.0	5.0	0.0
8	23	9	235	13	5.4	40.0	0.2	2.0	14.0	5.0	35.0
8	28	9	240	13	5.0	34.0	0.3	1.0	15.0	5.0	35.0
9	6	9	249	13	5.5	43.0	0.3	2.0	13.0	5.0	35.0
9	11	9	254	13	5.5	42.0	0.3	2.0	15.0	0.0	0.0
9	17	9	260	13	5.4	40.0	0.3	2.0	15.0	0.0	0.0
9	26	9	269	13	5.5	41.0	0.3	0.0	12.0	0.0	0.0

FIELD CHEMICAL ANALYSIS

MO	DA	YR	DAY NO	WELL	N CREF	NAMON	COD	BOD	RES	%VOL	MPN
1	2	9	2	13	0.0	0.9	86.0	0.0	160.0	0.0	0.0
1	14	9	14	13	0.0	1.0	84.0	0.0	105.0	0.0	0.0
2	6	9	37	13	0.0	1.0	90.0	0.0	205.0	6.2	0.0
2	25	9	56	13	0.0	1.3	103.0	0.0	240.0	8.7	0.0
3	18	9	77	13	0.0	1.2	129.0	0.0	145.0	19.5	0.0
3	26	9	85	13	0.2	0.7	107.0	0.0	158.0	13.0	0.0
4	2	9	92	13	0.1	0.5	143.0	0.0	130.0	7.0	0.0
4	9	9	99	13	0.0	0.5	142.0	0.0	120.0	11.7	0.0
4	16	9	106	13	0.1	0.4	135.0	0.0	67.0	12.0	0.0
4	25	9	115	13	0.0	0.7	142.0	0.0	300.0	10.5	0.0
5	1	9	121	13	0.0	0.5	35.0	0.0	257.0	14.5	0.0
5	8	9	128	13	0.0	1.1	28.0	0.0	490.0	7.2	0.0
5	13	9	133	13	0.0	0.0	25.0	0.0	370.0	20.7	0.0
5	22	9	142	13	0.0	0.7	22.0	0.0	220.0	13.2	0.0
5	27	9	147	13	0.0	0.7	22.0	0.0	140.0	16.8	0.0
6	6	9	157	13	0.0	0.0	5.0	0.0	140.0	16.2	0.0
6	11	9	162	13	0.0	0.6	44.0	0.0	130.0	35.8	0.0
6	18	9	169	13	0.0	0.4	30.0	0.0	550.0	29.7	0.0
6	26	9	177	13	0.0	0.7	32.0	0.0	240.0	11.3	0.0
7	3	9	184	13	0.0	0.4	23.0	0.0	90.0	4.3	0.0
7	11	9	192	13	0.0	0.2	25.0	0.0	126.0	39.4	0.0
7	17	9	198	13	0.0	0.2	10.0	0.0	500.0	13.3	0.0
7	25	9	206	13	0.0	0.2	10.0	0.0	0.0	0.0	0.0
8	1	9	213	13	0.0	0.4	10.0	0.0	0.0	0.0	0.0
8	7	9	219	13	0.0	0.4	25.0	0.0	0.0	0.0	0.0
8	14	9	226	13	0.0	0.5	20.0	0.0	0.0	0.0	0.0
8	23	9	235	13	0.0	0.0	0.0	0.0	500.0	13.3	0.0
8	29	9	241	13	0.0	0.6	14.0	0.0	500.0	13.3	0.0
9	6	9	249	13	0.0	0.8	14.0	0.0	500.0	13.3	0.0
9	11	9	254	13	0.0	0.6	11.0	0.0	0.0	0.0	0.0
9	17	9	260	13	0.0	0.1	7.0	0.0	0.0	0.0	0.0
9	26	9	269	13	0.0	0.4	6.0	0.0	530.0	14.4	0.0

FIELD CHEMICAL ANALYSIS

M2	D1	Y2	DAY NO	WELL NO	FE MG/L	ZN MG/L	NI MG/L	CU MG/L	TDS MG/L	ALK MG/L	NO3 MG/L
3	4	0	37	14	0.44	0.01	0.0	0.0	72	14	1.3
3	25	0	56	14	0.26	0.03	0.0	0.0	68	14	3.5
3	26	0	85	14	0.0	0.0	0.0	0.0	0	0	0.0
4	25	0	115	14	0.17	0.0	0.0	0.0	60	0	4.9
5	23	0	143	14	0.03	0.03	0.0	0.0	60	0	0.0

FIELD CHEMICAL ANALYSIS

MO	DA	YR	DAY NO	WELL	PH	HARD	PO4	SO4	CL	NA	SS
2	6	9	37	14	6.8	85.0	0.3	1.0	10.0	10.0	55144.0
2	25	9	56	14	7.0	57.0	0.4	2.0	11.0	11.0	3060.0
4	25	9	115	14	0.0	0.0	0.4	1.0	9.0	7.0	330.0
5	22	9	142	14	0.0	48.0	0.0	1.0	0.0	7.0	197.0

FIELD CHEMICAL ANALYSIS

MODA	YR	DAY NO	WELL	N FREE	NAMON	COD	BOD	RES	%VOL	MPN
16	9	37	14	0.0	0.9	50.0	0.0	0.0	5.0	0.0
25	9	256	14	0.0	0.3	50.0	0.0	115.0	6.1	0.0
25	9	115	14	0.0	0.0	0.0	0.0	90.0	0.0	0.0
22	9	142	14	0.1	0.6	0.0	0.0	240.0	15.2	0.0

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